Instytut Niskich Temperatur
i Badań Strukturalnych PAN

Wrocław, 2012.02 06

LISTA PUBLIKACJI 2008
LIST of PUBLICATIONS

KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE
Books, Monographs & Reviews

1. K.Flachbart, P.Alekseev, G.Grechnev, N.Shitsevalova, K.Siemensmeyer, N.Sluchanko, **O. Żogał**,

   Rare-Earth Dodecaborides — Magnetism, Superconductivity and Other Properties.

   In: *Rare Earths: Research and Applications*, ed. by Keith N. Delfrey (Hauppauge, NY: NOVA Sci. Publ. 2008) Ch. 2, pp. 79–125. [ISBN 978-1604562187]

2. **J. Hanuza**, **K. Hermanowicz**, **L. Macalik**, **M. Mączka**, **P.E. Tomaszewski**,

   Kompleksowe podwójne molibdeniany i wolframiany – ich struktura i właściwości spektroskopowe. [Complex Double Molybdates and Tungstates – Their Crystal Structure and Spectroscopic Properties.]

   In: *Chemia koordynacyjna w Polsce, cz. II [Coordination Chemistry in Poland, Pt. II]* (Biblioteka *Wiadomości Chemicznych*) ed. by J.Ziółkowski (Wrocław: Uniwersytet i Polskie Towarzystwo Chemiczne, 2008.??) pp. 337–62 [in Polish].

3. **W. Stręk**,

   Wpływ rozmiaru na własności strukturalne i emisyjne nanokryształów Ln^{3+} : YAG (Ln = Nd, Eu, Tb). [Influence of Size on Structure and Emission Properties of Ln^{3+} : YAG (Ln = Nd, Eu, Tb) Nanocrystals.]

   In: *Chemia koordynacyjna w Polsce, cz. II [Coordination Chemistry in Poland, Pt. II]* (Biblioteka *Wiadomości Chemicznych*) ed. by J.Ziółkowski (Wrocław: Uniwersytet i Polskie Towarzystwo Chemiczne, 2008.??) pp. 599–620 [in Polish].

ARTYKUŁY W CZASOPISMACH NAUKOWYCH
Articles in Scientific Journals

4. R.Acevedo, A.Soto-Bubert, P.Bosch, **W. Stręk**,

   Spectral Intensities in Trivalent Lanthanide Systems. Applications to the $Cs_2NaDyCl_6$ and $Cs_2NaHoCl_6$ Crystals.

   J. Alloy. Compd. **461** $_{1/2}$ (2008) 53–57. [DOI]
   6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

5. T.Aitasalo, A.Hietikko, **D. Hreniak**, J.Hölsä, M.Lastusaari, J.Niittykoski, **W. Stręk**,

   Luminescence Properties of $BaMg_2Si_2O_7 : Eu^{2+}, Mn^{2+}$.

   J. Alloy. Compd. **451** $_{1/2}$ (2008) 229–31. [DOI]
   6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

6. R.S.Amim, M.R.L.Oliveira, G.J.Perpétuo, **J. Janczak**, L.D.L.Miranda, M.M.M.Rubinger,

   Syntheses, Crystal Structure and Spectroscopic Characterization of New Platinum(II) Dithiocarbimato Complexes.

   Polyhedron **27**$_7$ (2008) 1891–97. [DOI]

7. **V.A.Apinyan**, **T.K. Kopeć**,

   Pairing Scenarios for the Hubbard Model in the Strong Coupling Limit.

   Acta Phys. Pol. A **114**$_1$ (2008) 159–64.
   XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe
   [13th Polish Sch.of Superconductivity: Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

8. **V.A.Apinyan**, **T.K. Kopeć**,

   Effective Pairing Interaction in the Two-Dimensional Hubbard Model within a Spin Rotationally Invariant Approach.

   Phys. Rev. B **78** (2008) 18 4511 (12). [DOI]

9. N.S.Averkiev, V.A Berezovets, I.I.Farbshtein, **Cz.Marucha**,

   Antilocalization in 3D Tellurium and the Role of Intervalley Scattering in the 'Frozen' Phonon Mode.

   Solid State Commun. **147**$_{1/2}$ (2008) 46–48. [DOI]

10. L.M.Babkov, **J. Baran**, N.A.Davydova, **D. Drozd**, O.S.Pyshkin, K.E.Uspenskiy,

    Influence of the Bromo-Group on the Vibrational Spectra and Macroscopic Properties of Benzophenone Derivatives.

    J. Mol. Struct. **887**$_{1-3}$ (2008) 87–91. [DOI]
    9th Int.Conf.on Molecular Spectroscopy, WROCŁAW & LĄDEK-Zdrój, PL, 2007.09 12–16

11. A.E.Baranovskiy, G.E.Grechnev, A.S.Panfilov, I.V.Svechkarev, **O. Żogał**, **A.Czopnik**†, **A.Hackemer**,

    Anomalous Diamagnetism of $YbPb_3$ Compound: Pressure Effects.

    Acta Phys. Pol. A **113**$_1$ (2008) 243–46.
    13th Czech and Slovak Conf.on Magnetism, KOŠICE, SK, 2006.07 09–12

12. R.E.Baumbach, P.C.Ho, T.A.Sayles, M.B.Maple, **R. Wawryk**, **T. Cichorek**, **A.Pietraszko**, **Z. Henkie**,

    Non-Fermi Liquid Behavior in the Filled Skutterudite Compound $CeRu_4As_{12}$.

    J. Phys. Cond. Matt. **20** (2008) 07 5110 (6). [DOI]

13. R.E.Baumbach, P.C.Ho, T.A.Sayles, M.B.Maple, **R. Wawryk**, **T. Cichorek**, **A.Pietraszko**, **Z. Henkie**,

    The Filled Skutterudite $CeOs_4As_{12}$: A Hybridization Gap Semiconductor.

    Proc. Natl. Acad. Sci. USA **105**$_{45}$ (2008) 17 307–11. [DOI]

14. P.Becker, L.Bohatý, H.Rhee, H.J.Eichler, **J. Hanuza**, A.A.Kaminskiĭ,

    Observation of Many-Phonon Stimulated Raman Scattering and Related Cascaded Nonlinear-Laser Effects in Monoclinic $LaBO_2MoO_4$ Single Crystals.

    Laser Phys. Lett. **5**$_2$ (2008) 114–21. [DOI]

15. B.Belan, **J. Stępień-Damm**, R.Gladyshevskii, O.Bodak,

    The New Structure Type $Ce_5Co_4Ge_{13}$.

    Chem. Met. Alloys **1**$_1$ (2008) 43–45.
    9th Int.Conf.on Crystal Chemistry of Intermetallic Compounds, L'VIV, UA, 2005.09 20–24

16. В.А.Белошенко, Н.И.Матросов, В.В.Чишко, О.Н.Миронова, Э.А.Медведская, D.Gajda, **A.J. Zaleski**, V.P.D'yakonov, R.Puźniak, H.Szymczak,

    Влияние комбинированной деформации и термообработки на сверхпроводящие свойства сплава ниобия с титаном. [Influence of Combined Deformation and Heat Treatment on the Superconducting Properties of a Niobium–Titanium Alloy.]

    Физ. Низк. Темп. **34**$_8$ (2008) 768–72 [in Russian]. Engl. in: *Low Temp. Phys.* **34**$_8$ (2008) 606–9. [DOI]

17. T.Bezrodna, I.Chashechnikova, T.Gavrilko, G.Puchkovska, Y.Shaydyuk, A.Tolochko, **J. Baran**, **M. Drozd**,

    Structure Formation and Its Influence on Thermodynamic and Optical Properties of Montmorillonite Organoclay–5CB Liquid Crystal Nanocomposites.

    Liq. Cryst. **35**$_3$ (2008) 265–74. [DOI]

18. R.Bilyy, A.Podhorodecki, M. Nyk, R.Stoika, A.Zaichenko, G.Zatryb, J.Misiewicz, **W. Stręk**,

    Utilization of GaN : Eu^{3+} Nanocrystals for the Detection of Programmed Cell Death.

    Physica E **40**$_6$ (2008) 2096–99. [DOI]
    13th Int.Conf.on Modulated Semiconductor Structures GENOVA, IT, 2007.07 15–20

19. T.Bodziony, S.M.Kaczmarek, **J. Hanuza**,
EPR and Optical Studies of $LiNbO_3$: Yb and $LiNbO_3$: Yb, Pr Single Crystals.
J. Alloy. Compd. **451** $_{1/2}$ (2008) 240–47. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

20. L.H.Chagas, **J. Janczak**, F.S.Gomes, N.G.Fernandes, L.F.C. de Oliveira, R.Diniz,
Intermolecular Interactions Investigation of Nickel(II) and Zinc(II) Salts of *ortho*-Sulfobenzoic Acid by X-ray Diffraction and Vibrational Spectra.
J. Mol. Struct. **892** $_{1-3}$ (2008) 305–10. [DOI]

21. Song Xue Chi, Peng Cheng Dai, T.Barnes, H.J.Kang, J.W.Lynn, R.Bewley, F.Ye, M.B.Maple, **Z. Henkie**, **A.Pietraszko**,
Inelastic Neutron Scattering Study of Crystal Field Levels in $PrOs_4As_{12}$.
Phys. Rev. B **77** (2008) 09 4428 (7). [DOI]

22. B.Cichy, **W. Stręk**, J.Dziuban, A.Górecka-Drzazga,
Application of Multiwall Carbon Nanotubes to Microfluidic Systems.
Mater. Sci. (Poland) **26** $_1$ (2008) 127–34.

23. M.Czaja, S.Bodył, **P. Głuchowski**, Z.Mazurak, **W. Stręk**,
Luminescence Properties of Rare Earth Ions in Fluorite, Apatite and Scheelite Minerals.
J. Alloy. Compd. **451** $_{1/2}$ (2008) 290–92. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

24. **M. Daszkiewicz**, L.D.Gulay, O.S.Lychmanyuk, **A.Pietraszko**,
Crystal Structure of the $R_3Ag_{1-\delta}SiS_7$ (R = La, Ce, Pr, Nd, Sm, $\delta = 0.10 - 0.23$) Compounds.
J. Alloy. Compd. **460** $_{1/2}$ (2008) 201–5. [DOI]

25. **M. Daszkiewicz**, L.D.Gulay, V.Y.Shemet,
Crystal Architecture of R_2SnS_5 (R = Pr, Nd, Gd and Tb): Crystal Structure Relationships in Chalcogenides.
Acta Cryst. B **64** $_2$ (2008) 172–76. [DOI]

26. **M. Daszkiewicz**, L.D.Gulay, V.Y.Shemet, **A.Pietraszko**,
$Dy_8SnS_{13.61}O_{0.39}$ from Single-Crystal Data.
Acta Cryst. E **64** $_1$ (2008) i2 [1 + 14 Suppl.]. [DOI]

27. **M. Daszkiewicz**, L.D.Gulay, V.Y.Shemet, **A.Pietraszko**,
Comparative Investigation of the Crystal Structure of $LnCuSe_2$ Compounds (Ln = Tb, Dy, Ho, Er, Tm, Yb, and Lu).
Z. anorg. allg. Chem. **634** $_{6/7}$ (2008) 1201–4. [DOI]

28. **P.J. Dereń**, **A.Bednarkiewicz**, Ph.Goldner, O.Guillot-Noël,
Laser Action in $LaAlO_3 : Nd^{3+}$ Single Crystal.
J. Appl. Phys. **103** (2008) 04 3102 (8). [DOI]

29. **P.J. Dereń**, Ph.Goldner, O.Guillot-Noël,
Anti-Stokes Emission in $LaAlO_3$ Crystal Doped with Tm^{3+} Ions.
J. Alloy. Compd. **461** $_{1/2}$ (2008) 58–60. [DOI]

30. **P.J. Dereń**, R.Mahiou, **R. Pązik**, K. Lemański, **W. Stręk**, Ph.Boutinaud,
Upconversion Emission in $CaTiO_3 : Er^{3+}$ Nanocrystals.
J. Lumin. **128** $_{5/6}$ (2008) 797–99. [DOI]
16th Int.Conf.on Dynamical Processes in Excited States of Solids, SEGOVIA, ES, 2007.06 17–22

31. **P.J. Dereń**, **R. Pązik**, **W. Stręk**, Ph.Boutinaud, R.Mahiou,
Synthesis and Spectroscopic Properties of $CaTiO_3$ Nanocrystals Doped with Pr^{3+} Ions.
J. Alloy. Compd. **451** $_{1/2}$ (2008) 595–99. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

32. V.M.Dmitriev, L.F.Rybaltchenko, E.V.Khristenko, L.A.Ishchenko, Z. Bukowski, **R. Troć**,

Andreev Reflection Study of the Superconductor Mo_3Sb_7 .

Acta Phys. Pol. A **114** 1 (2008) 263–68.
XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe [13th Polish Sch.of Superconductivity; Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

33. V.M.Dmitriev, A.V.Terekhov, **W. Suski**, L.A.Ishchenko, J.Ćwik, T.Palewski, B.Ya.Kotur, E.Talik,

Negative Magnetoresistivity of the RM_4Al_8 (R = Sc, Y, Ce, Yb, Lu; M = Cr, Mn, Fe) Ternaries with the $ThMn_{12}$-Type Crystal Structure.

J. Alloy. Compd. **452** 2 (2008) 217–24. [DOI]

34. V.M.Dmitriev, **A.J. Zaleski**, E.P.Khlybov, L.F.Rybaltchenko, E.V.Khristenko, L.A.Ishchenko, A.V.Terekhov,

Superconductivity and Magnetism of $Dy_{1-x}Y_xRh_4B_4$: Candidate for Spin-Triplet Cooper Pairing.

Acta Phys. Pol. A **114** 1 (2008) 83–90.
XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe [13th Polish Sch.of Superconductivity; Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

35. В.М.Дмитриев, **A.J. Zaleski**, Е.П.Хлыбов, Л.Ф.Рыбалтченко, Е.В.Христенко, Л.А.Ищенко, А.В.Терехов, И.Е.Костылева, С.А.Лаченков,

Магнитные фазовые перевращения и сверхпроводимость в $Dy_{0.8}Y_{0.2}Rh_4B_4$. [Magnetic Phase Transitions and Superconductivity in $Dy_{0.8}Y_{0.2}Rh_4B_4$.]

Физ. Низк. Темп. **34** 11 (2008) 1152–62 [in Russian]. Engl. in: *Low Temp. Phys.* **34** 11 (2008) 909–17. [DOI]

36. **G. Dominiak-Dzik**, **W. Ryba-Romanowski**,

Structural and Luminescent Properties of Crystalline Microstructure in the GeO_2–PbO–PbF_2 Glass-Ceramics Doped with Luminescent Ions.

J. Alloy. Compd. **451** 1/2 (2008) 586–90. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

37. **M. Drozd**,

New Complexes of Guanidine with Acetic, Trichloroacetic and Trifluoroacetic Acids. The DFT Structural and Vibrational Investigations.

Spectrochim. Acta A **69** 4 (2008) 1223–34. [DOI]

38. **M.K. Drulis**, **H. Drulis**, **A.E. Hackemer**, O.Leaffer, J.Spanier, S.Amini, M.W.Barsoum, T.Guilbert, T.El-Raghy,

On the Heat Capacities of Ta_2AlC, Ti_2SC, and Cr_2GeC.

J. Appl. Phys. **104** (2008) 02 3526 (7). [DOI]

39. H.Duda, E.Maciążek, T.Groń, S.Mazur, A.W.Pacyna, **A. Waśkowska**, T.Mydlarz, A.Gilewski,

Spin-Glass-Like Behavior in Single-Crystalline $Cu_{0.44}In_{0.48}Cr_{1.95}Se_4$.

Phys. Rev. B **77** (2008) 03 5207 (8). [DOI]

40. M.Falkowski, A.Kowalczyk, **V.H. Tran**, **W. Miiller**,

Thermoelectric Power of $CeNi_4Si$ and $YbNi_4Si$ Compounds.

Acta Phys. Pol. A **113** 1 (2008) 303–6.
13th Czech and Slovak Conf.on Magnetism, KOŠICE, SK, 2006.07 09–12

41. R.Fedyk, J.Hölsä, **D. Hreniak**, M.Lastusaari, V.-P.Lehto, W.Łojkowski, **W. Stręk**, M.Tenho,

X-ray Powder Diffraction Characterization of Residual Stresses and Strains in $Y_3Al_5O_{12}$: Nd^{3+} Nanoceramics.

Mater. Sci. Forum **571/572** (2008) 303–8. [DOI]
Int.Conf.on Stress Evaluation Using Neutrons and Synchrotron Radiation (MECA SENS IV) WIEN, AT, 2007.09 24–26

42. W.Gac, G.Giecko, S.Pasieczna-Patkowska, T.Borowiecki, **L. Kępiński**,

The Influence of Silver on the Properties of Cryptomelane-Type Manganese Oxides in N_2O Decomposition Reaction.

Catal. Today **137**$_{2-4}$ (2008) 397–402. [DOI]

Symposium on Air and Water Pollution Abatement (AWPA 2007) ZAKOPANE, PL, 2007.06 21–23

43. W.Gac, J.Goworek, G.Wójcik, **L. Kępiński**,

The Properties of Gold Catalysts Precursors Adsorbed on the MCM-41 Materials Modified with Mn and Fe Oxides.

Adsorption **14**$_{2/3}$ (2008) 247–56. [DOI]

44. **A.Gągor**, **A.Pietraszko**, D.Kaynts,

Structural Aspects of Fast Copper Mobility in Cu_6PS_5Cl — The Best Solid Electrolyte from Cu_6PS_5X Series.

J. Solid State Chem. **181**$_4$ (2008) 777–82. [DOI]

45. **A.Gągor**, **A.Pietraszko**, V.V.Panko,

Hexacopper (I) Phosphorus (V) Bromide Penta(Selenide/Sulfide). $[Cu_6P(Se_{0.7}S_{0.3})_5Br]$

Acta Cryst. C **64**$_4$ (2008) i33–34. [DOI]

46. **A.Gągor**, M.Wojtaś, **A.Pietraszko**, R.Jakubas,

From Six- to Five-Coordinated Sb^{III} in $[(CH_3)_3PH]_3[Sb_2Cl_9]$: Transition Pathways from Single-Crystal X-ray Diffraction.

Acta Cryst. B **64**$_5$ (2008) 558–66. [DOI]

47. D.Gajda, **A.Zaleski**, A.Morawski, A.Kario,

Effect of Nano-SiC Doping on the Superconducting Critical Parameters in MgB_2/Fe Wires and Tapes.

Acta Phys. Pol. A **113**$_1$ (2008) 371–74.

13th Czech and Slovak Conf.on Magnetism, KOŠICE, SK, 2006.07 09–12

48. K.Giza, H.Bała, V.V.Pavlyuk, **W. Iwasieczko**, **H. Drulis**,

Hydrogen Absorption and Polarisation Characteristics of $LaNi_{4.8}M_{0.2}$ (M = Mg, Sb or Bi) Type Alloys.

Fiz.- Khim. Mekh. Mater. **44**$_7$ (2008) 139–42 [Spec. Iss.].

9th Int.Conf.on Problems of Corrosion and Corrosion Protection of Structural Materials (Corrosion-2008) L'VIV, UA, 2007.06 10–12

49. K.Giza, **W. Iwasieczko**, V.V.Pavlyuk, H.Bała, **H. Drulis**,

Thermodynamical Properties of La–Ni–T (T = Mg, Bi and Sb) Hydrogen Storage Systems.

J. Power Sourc. **181**$_1$ (2008) 38–40. [DOI]

1st Polish Forum on Fuel Cells and Hydrogen Technologies, ZAKOPANE, PL, 2007.09 05–07

50. A.Gniewek, J.J.Ziółkowski, A.M.Trzeciak, **M. Zawadzki**, **H. Grabowska**, **J. Wrzyszcz**,

Palladium Nanoparticles Supported on Alumina-Based Oxides as Heterogeneous Catalysts of the Suzuki–Miyaura Reaction.

J. Catal. **254**$_1$ (2008) 121–30. [DOI]

51. **A.Gocalińska**, **P. Dereń**, **P. Głuchowski**, Ph.Goldner, O.Guillot-Noël,

Spectroscopic Characterization of $LaAlO_3$ Crystal Doped with Tm^{3+} Ions.

Opt. Mater. **30**$_5$ (2008) 680–83. [DOI]

Int.Worksh.on Advanced Spectroscopy and Optical Materials, GDAŃSK, PL, 2006.06 11–14

52. P.Godlewska, **L. Macalik**, **J. Hanuza**,

Emission Spectra of the Sol–Gel Glass Doped with Europium(III) Complexes of Picolinic Acid N-Oxide – A New UV-Light Sensors.

J. Alloy. Compd. **451**$_{1/2}$ (2008) 236–39. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

53. K.Gofryk, **D. Kaczorowski**, E.Colineau, F.Wastin, R.Jardin, J.-C.Griveau, N.Magnani, J.Rebizant, P.Boulet, P.Javorský, R.Caciuffo,

Magnetic and Related Properties of AnPd$_2$Sn (An = Th, U, Np, Pu) System.

Physica B **403**$_{5-9}$ (2008) 847–49. [DOI]
Int.Conf.on Strongly Correlated Electron Systems (SCES '07) HOUSTON, TX, US, 2007.05 13–18

54. K.Gofryk, **D. Kaczorowski**, J.-C.Griveau, N.Magnani, R.Jardin, E.Colineau, J.Rebizant, F.Wastin, R.Caciuffo,

Extensive Studies of Antiferromagnetic PuPd$_2$Sn.

Phys. Rev. B **77** (2008) 01 4431 (9). [DOI]

55. А.В.Голубков, Л.С.Парфеньева, И.А.Смирнов, **H. Misiorek**, **J. Mucha**, **A.Jeżowski**,

Теплопроводность и теплоемкость LuMgCu$_4$. [Thermal Conductivity and Heat Capacity of LuMgCu$_4$.]

Физ. Тверд. Тела **50**$_1$ (2008) 3–7 [in Russian]. Engl.in: *Phys. Solid State* **50**$_1$ (2008) 1–5. [DOI]

56. Ł.Gondek, A.Szytuła, **D. Kaczorowski**, Ya.Kalychak, B.Penc, J.Hernandez-Velasco, Yu.Tyvanchuk,

Magnetism and Electronic Structure of RT In (R = Ce, Pr, Nd; T = Ni, Cu, Pd, Au) Ternary Compounds.

Chem. Met. Alloys **1**$_1$ (2008) 92–96.
9th Int.Conf.on Crystal Chemistry of Intermetallic Compounds, L'VIV, UA, 2005.09 20–24

57. Ł.Gondek, J.Żukrowski, M.Bałanda, **D. Kaczorowski**, A.Szytuła,

Magnetism and Electronic Structure of Hexagonal 1:1:1 Rare Earth-Based Intermetallic Compounds.

Mater. Sci. (Poland) **26**$_4$ (2008) 815–20.
5th Semin.sieci MAG-EL-MAT: New Materials for Magnetoelectronics, BĘDLEWO (Poznań) PL, 2007.05 07–10

58. **H. Grabowska**, **M. Zawadzki**, L.Syper,

Catalytic Method for N-Methyl-4-pyridone Synthesis in the Presence of ZnAl$_2$O$_4$.

Catal. Lett. **121**$_{1/2}$ (2008) 103–10. [DOI]

59. **A.Grykałowska**, **B. Nowak**,

Half-Heusler Compounds UPtSn and ThPtSn: ^{119}Sn and ^{195}Pt NMR Studies.

J. Alloy. Compd. **453**$_{1/2}$ (2008) 7–14. [DOI]

60. L.D.Gulay, **M. Daszkiewicz**, M.R.Huch,

Crystal Structures of the Ln_{4-x}In$_{5-y}$S$_{13}$ (Ln = La, Ce, Pr and Nd; x = 0.08–0.12, y = 0.21–0.24), La$_3$In$_{1.67}$S$_7$, Gd$_3$InS$_6$ and La$_4$Ag$_2$In$_4$S$_{13}$ Compounds.

J. Solid State Chem. **181**$_{10}$ (2008) 2626–32. [DOI]

61. L.D.Gulay, **M. Daszkiewicz**, O.S.Lychmanyuk, **A.Pietraszko**,

The Crystal Structure of the R_6Si$_4$S$_{17}$ (R = Pr, Nd and Sm) Compounds.

J. Alloy. Compd. **453**$_{1/2}$ (2008) 197–202. [DOI]

62. L.D.Gulay, **M. Daszkiewicz**, V.Ya.Shemet,

Crystal Structure of the RE2PbS$_4$ (RE = Y, Dy, Ho, Er, and Tm) Compounds and a Comparison with the Crystal Structures of Other Rare Earth Lead Chalcogenides.

Z. anorg. allg. Chem. **634**$_{11}$ (2008) 1887–95. [DOI]

63. L.D.Gulay, **M. Daszkiewicz**, V.Ya.Shemet, **A.Pietraszko**,

Crystal Structure of the R2PbS$_4$ (R = Yb and Lu) Compounds.

J. Alloy. Compd. **453**$_{1/2}$ (2008) 143–46. [DOI]

64. L.D.Gulay, **M. Daszkiewicz**, V.Ya.Shemet, **A.Pietraszko**,

Investigation of the Sc$_2$Se$_3$–Cu$_2$Se–SnSe$_2$ and Sc$_2$Se$_3$–Cu$_2$Se–PbSe Systems at 870 K.

Pol. J. Chem. **82**$_5$ (2008) 1001–14.

65. L.D.Gulay, **D. Kaczorowski**, A.Szajek, **A.Pietraszko**,

Crystal and Electronic Structure and Magnetic Properties of CeRhPb.

J. Phys. Chem. Solids **69** 8 (2008) 1934–39. [DOI]

66. **M.A.Gusowski**, **W. Ryba-Romanowski**,

Inter- and Intraconfigurational Transitions of Nd^{3+} in Hexafluorocryolite-Type K_3YF_6 Lattice.

J. Phys. Chem. C **112** 36 (2008) 14 196–201. [DOI]

67. **M.A.Gusowski**, **W. Ryba-Romanowski**,

Unusual Behavior of Tb^{3+} in K_3YF_6 Green-Emitting Phosphor.

Opt. Lett. **33** 16 (2008) 1786–88. [DOI]

68. **J. Hanuza**, **M. Mączka**, J.Lorenc, A.A.Kaminskiĭ, P.Becker, L.Bohatý,

Polarized Raman and IR Spectra of Non-Centrosymmetric PbB_4O_7 Single Crystal.

J. Raman Spectr. **39** 3 (2008) 409–14. [DOI]

69. **J. Hanuza**, **M. Mączka**, J.Lorenc, A.A.Kaminskiĭ, L.Bohatý, P.Becker,

Polarized IR and Raman Spectra of Non-Centrosymmetric $Na_3Li(SeO_4)_2 \cdot 6H_2O$ Crystal — A New Raman Laser Material.

Spectrochim. Acta A **71** 1 (2008) 68–72. [DOI]

70. **Z. Henkie**, M.B.Maple, **A.Pietraszko**, **R. Wawryk**, **T. Cichorek**, R.E.Baumbach, W.M.Yuhasz, P.-C.Ho,

Crystal Growth and Properties of the Filled Skutterudite Arsenides.

J. Phys. Soc. Japan **77** Suppl. A (2008) 128–34.

Int.Conf.on New Quantum Phenomena in Skutterudite and Related Systems, KOBE, JP, 2007.09 27–30

71. **K. Hermanowicz**, **M. Mączka**, **P.E. Tomaszewski**, **L. Krajczyk**, **J. Hanuza**, **J. Baran**,

Size-Dependent Structural, Vibrational, and Luminescence Properties of Nanocrystalline $LiIn(WO_4)_2 : Cr^{3+}$.

J. Nanosci. Nanotechnol. **8** 7 (2008) 3545–54. [DOI]

72. P.Herzig, Z.Fojud, **O.J. Żogał**, **A.Pietraszko**, A.Dukhnenko, S.Jurga, N.Shitsevalova,

Electric-Field-Gradient Tensor and Charge Densities in LaB_6 : ^{11}B Nuclear-Magnetic-Resonance Single-Crystal Investigations and First-Principles Calculations.

J. Appl. Phys. **103** (2008) 08 3534 (7). [DOI]

73. I.Hołowacz, A.Ulatowska-Jarża, K.Wysocka, **P. Głuchowski**, **W. Stręk**, H.Podbielska,

Fluorescence Properties of Sol–Gel Materials Doped with Photosensitizers.

Opt. Appl. **38** 1 (2008) 49–56.

8th Semin.on Porous Glasses & Special Glasses (PGL 2007) SZKLARSKA PORĘBA PL, 2007.09 04–08

74. **R. Horyń**, **R. Klimkiewicz**,

High Thermodynamic Stability of La-Deficient Rhombohedral Form of Lanthanum Manganite Phase as Decisive Factor in Effective Ketonization Reaction of 1-Butanol.

Appl. Catal. A **351** 2 (2008) 184–88. [DOI]

75. **D. Hreniak**, **P. Psuja**, **W. Stręk**, J.Hölsä,

Luminescence Properties of $Y_3Al_5O_{12} : Eu^{3+}$-Coated Submicron SiO_2 Particles.

J. Non-Cryst. Solids **354** 2–9 (2008) 445–50. [DOI]

11th Int.Conf.on the Physics of Non-Crystalline Solids, RHODOS, GR, 2006.10 29 –.11 02

76. **D. Hreniak**, **W. Stręk**, **P. Głuchowski**, M.Bettinelli, A.Speghini,

The Influence of the Specific Surface of Grains on the Luminescence Properties of Nd^{3+}-Doped $Y_3Al_5O_{12}$ Nanopowders.

Appl. Phys. B **91** 1 (2008) 89–93. [DOI]

77. **D. Hreniak**, **W. Stręk**, **P. Głuchowski**, R.Fedyk, W.Łojkowski,

The Concentration Dependence of Luminescence of Nd : $Y_3Al_5O_{12}$ Nanoceramics.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 549–52. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

78. T.I.Ivanova, **W. Suski**, S.A.Nikitin, A.E.Bogdanov, M.V.Gavrilko, A.Gilewski, I.K.Warchulska, G.S.Burkhanov, O.D.Chistiakov,

Magnetic Properties of the $Tb_{1-x}La_xMnSi$ Intermetallic Compounds at High Magnetic Field.

J. Alloy. Compd. **453** $_{1/2}$ (2008) 36–41. [DOI]

79. **J. Janczak**,

Wave-Like Structure in 3-(4,6-Diamino-1,3,5-Triazin-2-yl)-2-Naphthonitrile. [$C_{14}H_{10}N_6$]

Acta Cryst. C **64** $_3$ (2008) o159–61. [DOI]

80. **J. Janczak**, G.Perpétuo,

Three-Dimensional Hydrogen-Bonded Framework in *bis*(Melamin-1-ium) Naphthalene-1,5-Disulfonate Melamine Pentahydrate. [$2C_3H_7N_6^+ \cdot C_{10}H_6O_6S_2^{2-} \cdot C_3H_6N_6 \cdot 5H_2O$]

Acta Cryst. C **64** $_2$ (2008) o91–94. [DOI]

81. **J. Janczak**, G.Perpétuo,

1-(Diaminomethylene) Thiourea: A Tautomer of 2-Imino-4-Thiobiuret. [$C_2H_6N_4S$]

Acta Cryst. C **64** $_3$ (2008) o114–16. [DOI]

82. **J. Janczak**, G.Perpétuo,

Hydrogen-Bonded Networks in Crystals of 1-(Diaminomethylene)Thiouron-1-ium Perchlorate, Hydrogen Sulfate, Dihydrogen Phosphate and Dihydrogen Arsenate. [ClO_4^-, HSO_4^-, $H_2PO_4^-$ and $H_2AsO_4^-$ salts of $C_2H_7N_4S^+$]

Acta Cryst. C **64** $_6$ (2008) o330–34. [DOI]

83. H.Jelínková, J.Šulc, **W. Ryba-Romanowski**, T.Łukasiewicz,

Diode Pumped Er : YVO_4 Microchip Laser.

Proc. SPIE **6998** (2008.04) #6998 17 (7). [DOI]

SPIE Conf.on Solid State Lasers and Amplifiers III, STRASBOURG, FR, 2008.04 08–10

84. Ł.John, J.Utko, S.Szafert, L.B.Jerzykiewicz, **L. Kępiński**, P.Sobota,

Synthesis and Characterization of Mixed-Metal Aryloxo-Organometallic Precursors for Oxide–Ceramic Materials.

Chem. Mater. **20** $_{13}$ (2008) 4231–39. [DOI]

85. R.Kacprzyk, **W. Miśta**,

Plasma Reactor with Back Ionization.

J. Phys. Conf. Ser. **142** (2008) 01 2063 (4). [DOI]

Int.Conf.on Electrostatics 2007, OXFORD, Engl. UK, 2007.03 25–29

86. **D. Kaczorowski**, T. Komatsubara,

Complex Magnetic Behavior in Single-Crystalline $CeRh_3Si_2$.

Physica B **403** $_{5-9}$ (2008) 1362–64. [DOI]

Int.Conf.on Strongly Correlated Electron Systems (SCES '07) HOUSTON, TX, US, 2007.05 13–18

87. **D. Kaczorowski**, M.Konyk, A.Szytuła, L.Romaka, O.Bodak,

Magnetic Properties of the R_2CuGe_6 (R = Gd, Tb, Dy, Er) Ternary Compounds.

Solid State Sci. **10** $_{12}$ (2008) 1891–94. [DOI]

88. **D. Kaczorowski**, M.Nyk, **P. Głuchowski**, **W. Stręk**,

Magnetic Behavior of Gd-Doped GaN Nanoceramics.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 500–3. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

89. **D. Kaczorowski**, **V.H. Tran**,

Superconductivity in the Actinoid-Bearing Filled Skutterudite $ThPt_4Ge_{12}$.

Phys. Rev. B **77** (2008) 18 0504 (R) (4). [DOI]

90. M.Karbowiak, C.Rudowicz, P.Gnutek, **A.Mech**,

Crystal-Field Analysis of Ho^{3+} Ions in $HoCl_3 \cdot 6H_2O$.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 111–15. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

91. J.Karpinski, N.D.Zhigadlo, S.Katrych, **K. Rogacki**, B.Batlogg, M.Tortello, R.Puźniak,

MgB_2 Single Crystals Substituted with Li and with Li–C: Structural and Superconducting Properties.

Phys. Rev. B **77** (2008) 21 4507 (11). [DOI]

92. R.Khasanov, **P.W. Klamut**, A.Shengelaya, Z. Bukowski, I.M.Savić, C.Baines, H.Keller,

Muon-Spin Rotation Measurements of the Penetration Depth of the Mo_3Sb_7 Superconductor.

Phys. Rev. B **78** (2008) 01 4502 (5). [DOI]

93. **P.W. Klamut**,

Superconductivity and Magnetism in the Ruthenocuprates. [Topical Review]

Supecond. Sci. Technol. **29** (2008) 09 3001 (13). [DOI]

94. B.Klimesz, **G. Dominiak-Dzik**, **R. Lisiecki**, **W. Ryba-Romanowski**,

Systematic Study of Spectroscopic Properties and Thermal Stability of Lead Germanate Glass Doped with Rare-Earth Ions.

J. Non-Cryst. Solids **354** $_{2-9}$ (2008) 515–20. [DOI]

11th Int.Conf.on the Physics of Non-Crystalline Solids, RHODOS, GR, 2006.10 29 –.11 02

95. B.Klimesz, **G. Dominiak-Dzik**, M.Żelechower, **W. Ryba-Romanowski**,

Optical Study of GeO_2–PbO–PbF_2 Oxyfluoride Glass Single Doped with Lanthanide Ions.

Opt. Mater. **30** $_{10}$ (2008) 1587–94. [DOI]

96. **R. Klimkiewicz**,

Primary Alcohols, Aldehydes and Ester Transformations into Ketones over Oxide Catalysts.

Pol. J. Environm. Stud. **17**$_5$ (2008) 727–31.

97. A.Kłos, L.Lipińska, **P. Solarz**, **W. Ryba-Romanowski**,

Spectroscopic Study of Eu^{3+}-Doped $Gd_{1-x}Y_xCa_4O(BO_3)_3$ Prepared by Sol–Gel Method.

J. Alloy. Compd. **459** $_{1/2}$ (2008) 410–13. [DOI]

98. **G. Kontrym-Sznajd**,

Transform Methods of Computerized Tomography in Studying Electronic Structure and Fermi Surfaces of Solids.

Acta Phys. Pol. A **113**$_5$ (2008) 1417–27.

37th Polish Semin.on Positron Annihilation, LĄDEK-Zdrój, PL, 2007.09 03–07

99. **G. Kontrym-Sznajd**, **M. Samsel-Czekała**, M.Biasini,

Image of Electron Densities from Line and Plane Projections.

Appl. Phys. A **91** $_1$ (2007) 131–36. [DOI]

100. **G. Kontrym-Sznajd**, **M. Samsel-Czekała**, M.Biasini,

Comparison of Various Reconstruction Techniques for Line Projections.

Acta Phys. Pol. A **113**$_5$ (2008) 1429–34.

37th Polish Semin.on Positron Annihilation, LĄDEK-Zdrój, PL, 2007.09 03–07

101. T.Koutzarova, S.Kolev, K.Grigorov, C.Ghelev, I.Nedkov, M.Ausloos, R.Cloots, T.Mydlarz, **A.Zaleski**,

Nanosized Barium Hexaferrite Powders Obtained by a Single Microemulsion Technique.

Solid State Phenom. **140** (2008) 55–60. [DOI]

E-MRS 2007 Fall Meeting, WARSAW, PL, 2007.09 17–21

102. A.Kowalczyk, M.Falkowski, T.Toliński, **V.H. Tran**, **W. Miiller**, M.Reiffers, M.Timko,

Specific Heat, Electrical Resistivity and Thermoelectric Power of $YbNi_4Si$.

Mater. Res. Bull. **43**$_1$ (2008) 185–90. [DOI]

103. A.I.Krivchikov, **P. Stachowiak**, **E. Pisarska**, **A.Jeżowski**,

Thermal Conductivity of a Molecular Crystal with Rotational Degrees of Freedom: Orientational Defect Scattering.

J. Low Temp. Phys. **150**$_{3/4}$ (2008) 323–29. [DOI]

16th Int.Conf.on Quantum Fluids and Solids (QFS 2007) KAZAN', RU, 2007.08 01–06

104. **T. Krzysztoń**,

Macroscopic Quantum Tunneling of Josephson Vortex in Antiferromagnetic Superconductor.

Acta Phys. Pol. A **114**$_1$ (2008) 171–74.

XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe [13th Polish Sch.of Superconductivity: Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

105. **R. Kubiak**, **J. Janczak**, **M. Śledź**, **E. Bukowska**,

Structural Effect of the Competition of 4-Picoline and Water Molecules to Form Complexes with Be, Mg and Zn Phthalocyanines.

Polyhedron **27**$_{13}$ (2008) 3044–52. [DOI]

106. A.G.Kuchin, **W. Iwasieczko**, **H. Drulis**, V.I.Khrabrova,

Ferromagnetism Strengthening in the $Lu_2Fe_{17-x}Mn_x$ System.

Solid State Commun. **146**$_{1/2}$ (2008) 446–49. [DOI]

107. M.Lachowicz, M.Zeman, **L. Krajczyk**, M.Podrez-Radziszewska,

Modyfikowanie struktury nadstopu Inconel 713C metodami spawalniczymi. [Modification of the Structure of Inconel 713C Alloy by Welding Methods.]

Inżynieria Materiałowa **29**$_6$ (2008) 1028–31 [in Polish].

108. N.Lebovka, T.Dadakova, L.Lysetskiy, O.Melezhyk, G.Puchkovska, T.Gavrilko, **J. Baran**, **M. Drozd**,

Phase Transitions, Intermolecular Interactions and Electrical Conductivity Behavior in Carbon Multiwalled Nanotubes/Nematic Liquid Crystal Composites.

J. Mol. Struct. **887**$_{1-3}$ (2008) 135–43. [DOI]

9th Int.Conf.on Molecular Spectroscopy, WROCŁAW & LĄDEK-Zdrój, PL, 2007.09 12–16

109. J.Leciejewicz, B.Penc, A.Szytuła, A.Jezierski, **A.Zygmunt**†,

Magnetic Properties of the $MnSi_3$ Compound.

Acta Phys. Pol. A **113**$_4$ (2008) 1193–204.

V Polish Conf.on Neutron Scattering and the Complementary Methods, CHLEWISKA, PL, 2007.06 03–06

110. **R. Lemański**, **J. Wrzodak**,

Ground-State Phase Diagrams of the Generalized Falicov–Kimball Model with Hund Coupling.

Phys. Rev. B **78** (2008) 08 5118 (9). [DOI]

111. **L. Lipiński**, **A.Szmyrka-Grzebyk**,

Proposals for the New Definition of [the] *Kelvin*.

Metrol. Meas. Syst. **15**$_2$ (2008) 227–34.

112. **R. Lisiecki**, **G. Dominiak-Dzik**, **W. Ryba-Romanowski**, I.Földvári, Á.Péter,

Energy Transfer and Up-Conversion in Bi_2TeO_5 Crystals Co-Doped with Yb^{3+} and Tm^{3+}.

Opt. Mater. **31**$_2$ (2008) 306–10. [DOI]

113. **R. Lisiecki**, **B. Macalik**, **G. Dominiak-Dzik**, **P. Solarz**, **B. Nowak**, **W. Ryba-Romanowski**, J.K.Jabczyński, T.Łukasiewicz,

Influence of Impurities and Thermal Treatment on Spectroscopic Properties and Laser Performance of Thulium-Doped Yttrium Vanadate Crystals.

Appl. Phys. B **90** $_{3/4}$ (2008) 477–83. [DOI]

114. **R. Lisiecki**, **W. Ryba-Romanowski**, C.Koepke, K.Wiśniewski, D.Piątkowski,

Excited State Absorption in Thulium Doped YVO_4 Crystals.

Appl. Phys. B **91** $_1$ (2008) 65–70. [DOI]

115. J.Lorenc, I.Bryndal, **M. Marchewka**, E.Kucharska, T.Lis, **J. Hanuza**,

Crystal and Molecular Structure of 2-Amino-5-Chloropyridinium Hydrogen Selenate — Its IR and Raman Spectra, DFT Calculations and Physicochemical Properties.

J. Raman Spectr. **39** $_7$ (2008) 863–72. [DOI]

116. J.Lorenc, I.Bryndal, **M. Marchewka**, W.Sąsiadek, T.Lis, **J. Hanuza**,

Crystal and Molecular Structure of 2-Aminopyridinium- 4-Hydroxybenzenosulfonate — IR and Raman Spectra, DFT Calculations and Physicochemical Properties.

J. Raman Spectr. **39** $_5$ (2008) 569–81. [DOI]

117. J.Lorenc, L.Dymińska, Z.Talik, **J. Hanuza**, **M. Mączka**, **A.Waśkowska**, **L. Macalik**,

Vibrational Spectra, X-ray and Molecular Structure of 1*H*- and 3*H*-Imidazo[4,5-b]Pyridine and Their Methyl Derivatives: DFT Quantum Chemical Calculations.

J. Raman Spectr. **39** $_1$ (2008) 1–15. [DOI]

118. **K. Łukaszewicz**, **A.Pietraszko**, **M. Kucharska**,

Diffuse Scattering, Short Range Order, and Nanodomains in the Paraelectric SbSI.

Ferroelectrics **375** $_1$ (2008) 170–77. [DOI]

119. **L. Macalik**, **M. Mączka**, **J. Hanuza**, P.Godlewska, **P. Solarz**, **W. Ryba-Romanowski**, A.A.Kaminskiĭ,

Spectroscopic Properties of the $CaNb_2O_6 : Pr^{3+}$ Single Crystal.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 232–35. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

120. **L.Macalik**, **P.E. Tomaszewski**, **R. Lisiecki**, **J. Hanuza**,

The Crystal Structure, Vibrational and Luminescence Properties of the Nanocrystalline $KEu(WO_4)_2$ and $KGd(WO_4)_2 : Eu^{3+}$ Obtained by the Pechini Method.

J. Solid State Chem. **181** $_{10}$ (2008) 2591–600. [DOI]

121. **M. Mączka**, **J. Hanuza**, **K. Hermanowicz**, A.F.Fuentes, K.Matsuhira, Z.Hiroi,

Temperature-Dependent Raman Scattering Studies of the Geometrically Frustrated Pyrochlores $Dy_2Ti_2O_7$, $Gd_2Ti_2O_7$ and $Er_2Ti_2O_7$

J. Raman Spectr. **39** $_4$ (2008) 537–44. [DOI]

122. **M. Mączka**, J.Hanuza, S.Kojima,

High-Resolution Temperature-Dependent Brillouin Scattering Studies of Ferroelectric $K_3Nb_3O_6(BO_3)_2$.

Phys. Rev. B **77** (2008) 10 4116 (9). [DOI]

123. **M. Mączka**, **J. Hanuza**, W.Paraguassu, A.G.Souza Filho, P.T.C.Freire, J.Mendes Filho,

Phonons in Ferroelectric Bi_2WO_6 : Raman and Infrared Spectra and Lattice Dynamics.

Appl. Phys. Lett. **92** (2008) 11 2911 (3). [DOI]

124. **M. Mączka**, **K. Hermanowicz**, **P.E. Tomaszewski**, **M. Zawadzki**, **J. Hanuza**,

Vibrational and Luminescence Studies of $M^{\mathrm{I}}In(MoO_4)_2$ (M^{I} = K, Rb) and $M^{\mathrm{I}}Al(MoO_4)_2$ (M^{I} = K, Na) Molybdates Doped with Chromium(III) Prepared *via* the Pechini Method.

Opt. Mater. **31** $_2$ (2008) 167–75. [DOI]

125. **M. Mączka**, **K. Hermanowicz**, **P.E. Tomaszewski**, **M. Zawadzki**, **J. Hanuza**,
Synthesis and Characterization of $NaIn(WO_4)_2 : Cr^{3+}$ Nanoparticles.
Solid State Sci. **10** 1 (2008) 61–68. [DOI]

126. **M. Mączka**, W.Paraguassu, A.G.Souza Filho, P.T.C.Freire, J.Mendes Filho, J.Hanuza,
Phonon-Instability-Driven Phase Transitions in Ferroelectric $Bi_2WO_6 : Eu^{3+}$. High-Pressure Raman and Photoluminescence Studies.
Phys. Rev. B **77** (2008) 09 4137 (9). [DOI]

127. **M. Mączka**, W.Paraguassu, A.G.Souza Filho, P.T.C.Freire, A.Majchrowski, J.Mendes Filho, J.Hanuza,
Lattice Dynamics and High-Pressure Raman Scattering Studies of Ferroelectric $K_2MgWO_2(PO_4)_2$.
Phys. Rev. B **78** (2008) 06 4116 (11). [DOI]

128. **M. Mączka**, M.L.Sanjuán, A.F.Fuentes, **K. Hermanowicz**, J.Hanuza,
Temperature-Dependent Raman Study of the Spin-Liquid Pyrochlore $Tb_2Ti_2O_7$.
Phys. Rev. B **78** (2008) 13 4420 (8). [DOI]

129. **M. Mączka**, **A.Waśkowska**, A.Majchrowski, J.Kisielewski, W.Szyrski, J.Hanuza,
Crystal Structure and Lattice Dynamics of $Sr_3Y(BO_3)_3$.
J. Solid State Chem. **181** 12 (2008) 3211–16. [DOI]

130. M.Makowiecka, **L. Kępiński**, M.Jurczyk,
Nanoscale Hydrogen Storage Materials Studied by TEM.
Rev. Adv. Mater. Sci. **18** 7 (2008) 621–26.

131. **M.A.Małecka**, **L.Kępiński**, **M. Mączka**,
Structure and Phase Composition of Nanocrystalline $Ce_{1-x}Lu_xO_{2-y}$.
J. Solid State Chem. **181** 9 (2008) 2306–12. [DOI]

132. **M.A.Małecka**, **L.Kępiński**, **W. Mista**,
Synthesis, Structure and Morphology of CeO_2 and $CeLnO_x$ Mixed Oxides (Ln = Pr, Tb, Lu) Prepared by Microemulsion Method.
J. Alloy. Compd. **451** 1/2 (2008) 567–70. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

133. E.Malicka, **A.Waśkowska**, J.Heimann, T.Mydlarz, R.Sitko, **D. Kaczorowski**,
Structural and Magnetic Properties of $Zn_{1-x}Sb_xCr_{2-x/3}Se_4$ ($x = 0.11, 0.16$ and 0.20) Single Crystals.
J. Solid State Chem. **181** 8 (2008) 1970–76. [DOI]

134. M.B.Maple, **Z. Henkie**, R.E.Baumbach, T.A.Sayles, N.P.Butch, P.-C.Ho, T.Yanagisawa, W.M.Yuhasz, **R. Wawryk**, **T. Cichorek**, **A.Pietraszko**,
Correlated Electron Phenomena in Ce- and Pr-Based Filled Skutterudite Arsenides and Antimonides.
J. Phys. Soc. Japan **77** Suppl. A (2008) 7–13.
Int.Conf.on New Quantum Phenomena in Skutterudite and Related Systems, KOBE, JP, 2007.09 27–30

135. **M.K. Marchewka**, **A.Pietraszko**,
Crystal Structure and Vibrational Spectra of Piperazinium *bis*(4-Hydroxybenzenesulphonate) Molecular–Ionic Crystal.
Spectrochim. Acta A **69** 2 (2008) 312–18. [DOI]

136. O.V.Marchuk, **M. Daszkiewicz**, L.D.Gulay, I.D.Olekseyuk, **A.Pietraszko**,
Investigation of the R_2Te_3–M_2Te–PbTe (R = Tb, Dy; M = Cu, Ag) Systems at 770 K.
J. Alloy. Compd. **455** 1/2 (2008) 186–90. [DOI]

137. M.M.Maśka, **R. Lemański**, J.K.Freericks, C.J.Williams,

Pattern Formation in Mixtures of Ultracold Atoms in Optical Lattices.

Phys. Rev. Lett. **101** (2008) 06 0404 (4). [DOI]

138. A.Matraszek, **L. Macalik**, I.Szczygieł, P.Godlewska, **P. Solarz**, **J. Hanuza**,

Luminescence and Optical Absorption Studies of Sub-micro-Dimensional Cerium *ortho*- and *meta* Phosphates Doped with Eu^{3+} Ions.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 254–57. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

139. **A.Mech**,

Crystal Structure and Optical Properties of Novel $(N(C_2H_5)_4)[Nd(hfa)_4(H_2O)]$ Tetrakis Complex.

Polyhedron **27**$_1$ (2008) 393–405. [DOI]

140. **A.Mech**, **Z. Gajek**, M.Karbowiak, Cz.Rudowicz,

Crystal-Field Energy Level Analysis for Nd^{3+} Ions at the Low Symmetry C_1 Site in $[Nd(hfa)_4(H_2O)](N(C_2H_5)_4)$ Single Crystals.

J. Phys. Cond. Matt. **20** (2008) 38 5205 (14). [DOI]

141. **A.Mech**, M.Karbowiak, C.Görller-Walrand, R. Van Deun,

The Luminescence Properties of Three Tetrakis Dibenzoylmethane Europium(III) Complexes with Different Counter Ions.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 215–19. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

142. **W. Miśta**, R.Kacprzyk,

Decomposition of Toluene Using Non-Thermal Plasma Reactor at Room Temperature.

Catal. Today **137**$_{2-4}$ (2008) 345–49. [DOI]

Symposium on Air and Water Pollution Abatement (AWPA 2007) ZAKOPANE, PL, 2007.06 21–23

143. **J. Mucha**, **H. Misiorek**, **R. Troć**, B.Coqblin,

Thermal Conductivity of U_2Ru_2Sn Single Crystal.

J. Phys. Cond. Matt. **20** (2008) 08 5205 (6). [DOI]

144. **J. Mulak**, M.Mulak,

Multipole Characteristics of the Open-Shell Electron Eigenstates.

phys. stat. sol. (b) **245** $_6$ (2008) 1156–64. [DOI]

145. F.M.Muntyanu, A.Gilewski, K.Nenkov, **A.Zaleski**, V.Chistol,

Superconducting Crystallite Interfaces with T_c up to 21 K in Bi and Bi–Sb Bicrystals of Inclination Type.

Solid State Commun. **147**$_{5/6}$ (2008) 183–85. [DOI]

146. E.K. Nazarova, **A.J. Zaleski**, K.A.Nenkov, A.L.Zahariev,

Intergranular Flux Pinning in Underdoped and Overdoped $R_{1-x}Ca_xBa_2Cu_3O_z$ (R = Y, Gd; $x = 0, 0.2$) Samples.

Physica C **468** $_{13}$ (2008) 955–60. [DOI]

147. S.Nikitin, I.Tereshina, E.Tereshina, **W. Suski**, **H. Drulis**,

The Effect of Hydrogen on the Magnetocrystalline Anisotropy of R_2Fe_{17} and $R(Fe, Ti)_{12}$ (R = Dy, Lu) Compounds.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 477–80. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

148. N.Oeschler, S.Hartmann, **A.P. Pikul**, C.Krellner, C.Geibel, F.Steglich,

Low-Temperature Specific Heat of $YbRh_2Si_2$.

Physica B **403** $_{5-9}$ (2008) 1254–56. [DOI]

Int.Conf.on Strongly Correlated Electron Systems (SCES '07) HOUSTON, TX, US, 2007.05 13–18

149. **K. Oganisian**, **K. Rogacki**, **Cz. Sułkowski**, N.D.Zhigadlo, S.Katrych, J.Karpinski,

Thermoelectric Power of MgB_2 Single Crystals Doped with Holes and Electrons.

Acta Phys. Pol. A **114**$_1$ (2008) 191–98.
XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe [13th Polish Sch.of Superconductivity: Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

150. N.Orlińska, **A.Zaleski**, Z.Wokulski, G.Dercz,

Characterization of the Heat Treatment MgB_2 Rods Obtained by Pit Technique with Explosive Consolidation Method.

Arch. Metall. Mater. **53**$_3$ (2008) 927–32.

151. I.A.Ovtchenkova, S.A.Nikitin, T.I.Ivanova, G.A.Tskhadadze, Yu.V.Skourski, **W. Suski**, V.I.Nizhankovski,

Magnetic Ordering and Magnetic Transitions in GdMnSi Compound.

J. Alloy. Compd. **451**$_{1/2}$ (2008) 450–53. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

152. B.V.Padlyak, **W. Ryba-Romanowski**, **R. Lisiecki**,

Optical Spectroscopy and Local Structure of Er^{3+} Luminescence Centres in $CaO–Ga_2O_3–GeO_2$ Glasses.

J. Non-Cryst. Solids **354**$_{35-39}$ (2008) 4249–55. [DOI]
4th Int.Worksh.on Functional and Nanostructured Materials, HEL & GDAŃSK, PL, 2007.09 01–06

153. B.Padlyak, **W. Ryba-Romanowski**, **R. Lisiecki**,

Optical Spectroscopy and Local Structure of the Nd^{3+} Luminescence Centres in Glasses of the $CaO–Ga_2O_3–GeO_2$ System.

Opt. Appl. **38**$_1$ (2008) 189–202.
8th Semin.on Porous Glasses & Special Glasses (PGL 2007) SZKLARSKA PORĘBA PL, 2007.09 04–08

154. Л.С.Парфеньева, Т.С.Орлова, Н.Ф.Картенко, Н.В.Шаренкова, Б.И.Смирнов, И.А.Смирнов, **H. Misiorek**, **A.Jeżowski**, T.E.Wilkes, K.T.Faber,

Теплопроводность высокопористых биоуглеродных матриц дерева сосны.
[Thermal Conductivity of High-Porosity Biocarbon Precursors of White Pine Wood.]

Физ. Твердо. Тела **50**$_{12}$ (2008) 2150–59 [in Russian]. Engl. in: *Phys. Solid State* **50**$_{12}$ (2008) 2245–55. [DOI]

155. **M. Paściak**, S.Leoni,

Microscopic Mechanism and Domain Formation in the Paraelectric to Ferroelectric Phase Transitions in $BaTiO_3$.

MRS Symp. Proc. **1034E** (2008) K07–09.
Materials Research Society 2007 Fall Meet. BOSTON, MA, US, 2007.11 26–30

156. **M. Paściak**, **M. Wołcyrz**, **A.Pietraszko**,

Structural Origin of the X-ray Diffuse Scattering in $(CH_3)_4NCdCl_3$ and Related Compounds.

Phys. Rev. B **78** (2008) 02 4114 (9). [DOI]

157. **S. Paszkowski**

Convergence Acceleration of Orthogonal Series.

Numer. Algor. **47**$_1$ (2008) 35–62. [DOI]

158. F.Pavese, B.Fellmuth, K.D.Hill, D.Head, Y.Hermier, **L. Lipiński**, T.Nakano, A.Peruzzi, H.Sakurai, **A.Szmyrka-Grzebyk**, A.G.Steele, P.P.M.Steur, O.Tamura, W.L.Tew, S.Valkiers, L.Wolber,

Progress Towards the Determination of the Relationship of Triple-Point Temperature *versus* Isotopic Composition of Neon.

Int. J. Thermophys. **29**$_1$ (2008) 57–66. [DOI]
10th Int.Symp.on Temperature and Thermal Measurements in Industry and Science (TEMPMEKO 2007) LAKE LOUISE, Alta, CD, 2007.05 21–25

159. F.Pavese, **A.Szmyrka-Grzebyk**, **L. Lipiński**, **H. Manuszkiewicz**, Ping Qiu, Jin Tao Zhang, Peng Lin, Xing Wei Li,

Preliminary Results on New Prototypes of Precision Rh–0.5at % Fe Resistance Thermometers of Chinese Production.

Int. J. Thermophys. **29** 1 (2008) 51–56. [DOI]

10th Int.Symp.on Temperature and Thermal Measurements in Industry and Science (TEMPMEKO 2007) LAKE LOUISE, Alta, CD, 2007.05 21–25

160. **R. Pązik**, **P. Głuchowski**, **D. Hreniak**, **W. Stręk**, M.Roś, R.Fedyk, W.Łojkowski,

Fabrication and Luminescence Studies of Ce : $Y_3Al_5O_{12}$ Transparent Nanoceramic.

Opt. Mater. **30** 5 (2008) 714–18. [DOI]

Int.Worksh.on Advanced Spectroscopy and Optical Materials, GDAŃSK, PL, 2006.06 11–14

161. **R. Pązik**, **D. Hreniak**, **W. Stręk**, V.G.Kessler, G.A.Seisenbaeva,

Photoluminescence Investigations of Eu^{3+} Doped $BaTiO_3$ Nanopowders Fabricated Using Heterometallic Tetranuclear Alkoxide Complexes.

J. Alloy. Compd. **451** 1/2 (2008) 557–62. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

162. **R. Pązik**, **D. Kaczorowski**, **D. Hreniak**, **W. Stręk**, W.Łojkowski,

Synthesis, Structure and Magnetic Properties of $BaTiO_3$ Nanoceramics.

Chem. Phys. Lett. **452** 1–3 (2008) 144–47. [DOI]

163. G.Perpétuo, **J. Janczak**,

Bis(dihydronium) Naphthalene-1,5-Disulfonate. $[2H_5O_2^+ \cdot C_{10}H_6O_6S_2^{2-}]$

Acta Cryst. C **64** 1 (2008) o21–23. [DOI]

164. G.Perpétuo, **J. Janczak**,

The Chloride, Bromide and Iodide Salts of 1-(Diaminomethylene) Thiouron-1-ium. $[C_2H_7N_4S^+ \cdot Cl^-$, $C_2H_7N_4S^+ \cdot Br^-$ and $C_2H_7N_4S^+ \cdot I^-]$

Acta Cryst. C **64** 5 (2008) o264–68. [DOI]

165. G.J.Perpétuo, **J. Janczak**,

Supramolecular Architectures in Crystals of Melamine and Aromatic Carboxylic Acids.

J. Mol. Struct. **891** 1–3 (2008) 429–36. [DOI]

166. A.Piecha, **A.Pietraszko**, G.Bator, R.Jakubas,

Structural Characterization and Ferroelectric Ordering in $(C_3N_2H_5)_5Sb_2Br_{11}$.

J. Solid State Chem. **181** 5 (2008) 1155–66. [DOI]

167. **A.P. Pikul**, **D. Kaczorowski**,

Strong Electronic Correlations in $CePt_4In$.

Mater. Sci. (Poland) **26** 4 (2008) 821–29.

5th Semin.sieci MAG-EL-MAT: New Materials for Magnetoelectronics, BĘDLEWO (Poznań) PL, 2007.05 07–10

168. **A.P. Pikul**, **D. Kaczorowski**,

Magnetic and Related Properties of $U_4Rh_{13}Si_9$ and $U_4Ir_{13}Si_9$.

J. Phys. Chem. Solids **69** 11 (2008) 2841–44. [DOI]

169. **A.P. Pikul**, **D. Kaczorowski**, Z. Bukowski, F.Steglich,

Heat Capacity Studies of Single-Crystalline $CePt_4In$.

Physica B **403** 5–9 (2008) 842–43. [DOI]

Int.Conf.on Strongly Correlated Electron Systems (SCES '07) HOUSTON, TX, US, 2007.05 13–18

170. J.Pisarska, **R. Lisiecki**, **W. Ryba-Romanowski**, **G. Dominiak-Dzik**, W.A.Pisarski,

Up-Converted Luminescence in Yb–Tm Co-Doped Lead Fluoroborate Glasses.

J. Alloy. Compd. **451** 1/2 (2008) 226–28. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

171. J.Pisarska, **W. Ryba-Romanowski**, **G. Dominiak-Dzik**, T.Goryczka, W.A.Pisarski,

Nd-Doped Oxyfluoroborate Glasses and Glass-Ceramics for NIR Laser Applications.

J. Alloy. Compd. **451**$_{1/2}$ (2008) 223–25. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

172. J.Pisarska, **W. Ryba-Romanowski**, **G. Dominiak-Dzik**, T.Goryczka, W.A.Pisarski,

Near-Infrared Luminescence of Rare Earth Ions in Oxyfluoride Lead Borate Glasses and Transparent Glass–Ceramic Materials.

Opt. Applic. **38**$_{1}$ (2008) 211–16.

8th Semin.on Porous Glasses & Special Glasses (PGL 2007) SZKLARSKA PORĘBA PL, 2007.09 04–08

173. W.A.Pisarski, **G. Dominiak-Dzik**, **W. Ryba-Romanowski**, J.Pisarska,

Role of PbO Substitution by PbF_2 on Structural Behavior and Luminescence of Rare Earth-Doped Lead Borate Glass.

J. Alloy. Compd. **451**$_{1/2}$ (2008) 220–22. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

174. W.A.Pisarski, T.Goryczka, J.Pisarska, **G. Dominiak-Dzik**, **W. Ryba-Romanowski**,

Effect of Heat Treatment on Er^{3+} Containing Multicomponent Oxyfluoride Lead Borate Glass System.

J. Non-Cryst. Solids **354**$_{2-9}$ (2008) 492–96. [DOI]

11th Int.Conf.on the Physics of Non-Crystalline Solids, RHODOS, GR, 2006.10 29 –.11 02

175. V.Pluzhnikov, N.Shitsevalova, A.Dukhnenko, **A.Czopnik**†, V.Nizhankovskii, R.Settai, Y.Ōnuki,

De Haas – van Alphen Effect and Magnetization in Dodecaborides HoB_{12}, ErB_{12} and TmB_{12}.

J. Magn. Magn. Mater. **320**$_{9}$ (2008) 1597–604. [DOI]

176. A.Podhorodecki, M.Nyk, R.Kudrawiec, J.Misiewicz, R.Paszkiewicz, R.Korbutowicz, J.Serafinczuk, **W. Stręk**,

GaN Ceramics Obtained by Fusing of Nanocrystalline GaN Powder at High Pressures and Temperatures as Substrate for Growth of GaN Epilayers.

J. Cryst. Growth **310**$_{5}$ (2008) 940–43. [DOI]

E-MRS Conf.-Symp. G – Substrates of Wide Bandgap Materials STRASBOURG, FR, 2007.05 29–30

177. T.P.Polak, **T.K. Kopeć**,

Quantum Rotor Approach to the Mott-Insulator Transition in the Bose–Hubbard Model.

Acta Phys. Pol. A **114**$_{1}$ (2008) 29–34.

XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe [13th Polish Sch.of Superconductivity: Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

178. T.P.Polak, **T.K. Kopeć**,

Superfluid to Mott-Insulator Transition in an Anisotropic Two-Dimensional Optical Lattice.

Ann. Physik **17**$_{12}$ (2008) 947–54. [DOI]

179. M.Połomska, **A.Pietraszko**, A.Pawłowski, J.Wolak, L.F.Kirpichnikova,

Ferroelastic Domain Structure in Some Superprotonic Conductors.

Ferroelectrics **376**$_{1}$ (2008) 46–63. [DOI]

180. M.Połomska, J.Wolak, **A.Pietraszko**, A.Pawłowski, L.F.Kirpichnikova,

Low Temperature Phase Transitions of $[(NH4)_{1-x}Rb_x]3H(SO_4)_2$ Studied by XRD and Raman Spectroscopy.

J. Mol. Struct. **887**$_{1-3}$ (2008) 48–55. [DOI]

9th Int.Conf.on Molecular Spectroscopy, WROCŁAW & LĄDEK-Zdrój, PL, 2007.09 12–16

181. G.Próchniak, V.Videnova-Adrabińska, **M. Daszkiewicz**, **A.Pietraszko**,

Packing Patterns and Network Entanglements in Sodium and Silver(I) 3-Carboxybenzenesulfonate Crystals.

J. Mol. Struct. **891**$_{1-3}$ (2008) 178–83. [DOI]

182. **P. Psuja, D. Hreniak, W. Stręk,**

Low-Voltage Cathodoluminescence Properties of $Y_3Al_5O1_2 : Tb^{3+}$ Nanopowders.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 571–74. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

183. **P. Psuja, D. Hreniak, W. Stręk,**

Fabrication and Luminescent Properties of ITO Nanocrystalline Coated Micro Eu : Y_2O_3 Particles.

Proc. SPIE **6988** (2008.04) #6988 1S (8). [DOI]

**, Nanophotonics II,* STRASBOURG, FR, 2008.04 07–09

184. A.Rachocki, K.Pogorzelec-Glaser, **A.Pietraszko**, J.Tritt-Goc,

The Structural Dynamics in the Proton-Conducting Imidazolium Oxalate.

J. Phys. Cond. Matt. **20** (2008) 50 5101 (7). [DOI]

185. I.Radulov, V.Lovchinov, **M. Daszkiewicz**,

Magneto- and Ferroelectric Phase Transitions in $HoMn_2O_5$ Monocrystals.

J. Magn. Magn. Mater. **320** $_{1/2}$ (2008) 43–46. [DOI]

186. H. Ratajczak, A.J.Barnes, **J. Baran**, A.M.Yaremko, Z.Latajka, P.Dopieralski,

Anharmonic Interactions and Infrared Bandshape of the Hydrogen Bond Vibration of Potassium Hydrogen (Deuterium) Maleate Crystals.

J. Mol. Struct. **887**$_{1-3}$ (2008) 9–19. [DOI]

9th Int.Conf.on Molecular Spectroscopy, WROCŁAW & LĄDEK-Zdrój, PL, 2007.09 12–16

187. **K. Rogacki, K. Oganisian, Cz. Sułkowski**, N.Zhigadlo, S.Katrych, J.Karpinski,

Transport Properties of MgB_2 Single Crystals Doped with Electrons and Holes.

J. Phys. Chem. Solids **69** $_{12}$ (2008) 3202–4. [DOI]

LXI Yamada Conf.on Spectroscopies in Novel Superconductors (SNS 2007) SENDAI, JP, 2007.08 20–24

188. **K. Rogacki**, G.Schuck, Z.Bukowski, N.D.Zhigadlo, J.Karpinski,

Structural and Superconducting Properties of $RbOs_2O_6$ Single Crystals.

Phys. Rev. B **77** (2008) 13 4514 (9). [DOI]

189. **A.Rubaszek**,

Effect of the Positron Distribution on the Electron–Positron Momentum Density Calculated for SiC.

Acta Phys. Pol. A **113** $_5$ (2008) 1501–6.

37th Polish Semin.on Positron Annihilation, LĄDEK-Zdrój, PL, 2007.09 03–07

190. **A.Rubaszek**,

The Effect of the Positron Distribution and Electron–Positron Correlations on the Electron–Positron Momentum Density for SiC.

J. Phys. Cond. Matt. **20** (2008) 33 5226 (10). [DOI]

191. **M. Samsel-Czekała**, E.Talik, **R. Troć**,

Electronic Structure, Magnetic, and Electrical Properties of Single-Crystalline Magnetic Fluctuator URuAl and Comparison with Reference Systems.

Phys. Rev. B **78** (2008) 24 5120 (11). [DOI]

192. **M. Samsel-Czekała**, E.Talik, **R. Troć**, **J. Stępień-Damm,**

Electronic Structure and Bulk Properties of the Single-Crystalline Paramagnet URuGa.

Phys. Rev. B **77** (2008) 15 5513 (11). [DOI]

193. **M. Samsel-Czekała**, **R. Troć**, E.Talik,

Electronic Band-Structure and X-ray Photoemission Spectra of Ternaries *A*PtGe (*A* = Th, U).

J. Alloy. Compd. **451** $_{1/2}$ (2008) 448–49. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

194. G.D.Saraiva, W.Paraguassu, **M. Mączka**, P.T.C.Freire, J.A.Lima Jr, C.W.A.Paschoal, J.Mendes Filho, A.G.Souza Filho,

Temperature-Dependent Raman Scattering Studies of Na_2MoO_4.

J. Raman Spectr. **39** 7 (2008) 937–41. [DOI]

195. D.Satuła, K.Szymański, L.Dobrzyński, **V.H. Tran**, **R. Troć**,

Mössbauer Data Analysis Based on Invariants and Application to UFe_5Sn.

Phys. Rev. B **78** (2008) 01 4411 (10). [DOI]

196. T.A.Sayles, W.M.Yuhasz, J.Paglione, T.Yanagisawa, J.R.Jeffries, M.B.Maple, **Z. Henkie**, **A.Pietraszko**, **T. Cichorek**, **R. Wawryk**, Y.Nemoto, T.Goto,

Electrical and Magnetic Properties of the Kondo System $(Ce_{1-x}Y_x)Pt_2Si_2$ $(0 \leq x \leq 1)$.

Physica B **403** 5–9 (2008) 869–70. [DOI]

Int.Conf.on Strongly Correlated Electron Systems (SCES '07) HOUSTON, TX, US, 2007.05 13–18

197. T.A.Sayles, W.M.Yuhasz, J.Paglione, T.Yanagisawa, J.R.Jeffries, M.B.Maple, **Z. Henkie**, **A.Pietraszko**, **T. Cichorek**, **R. Wawryk**, Y.Nemoto, T.Goto,

Thermodynamic and Transport Studies of the Ferromagnetic Filled Skutterudite Compound $PrFe_4As_{12}$.

Phys. Rev. B **77** (2008) 14 4432 (12). [DOI]

198. T.H.Scabarozi, S.Amini, P.Finkel, O.D.Leaffer, J.E.Spanier, M.W.Barsoum, **M. Drulis**, **H. Drulis**, W.M.Tambussi, J.D.Hettinger, S.E.Lofland,

Electrical, Thermal, and Elastic Properties of the MAX-Phase Ti_2SC.

J. Appl. Phys. **104** (2008) 03 3502 (5). [DOI]

199. G.A.Seisenbaeva, V.G.Kessler, **R. Pązik**, **W. Stręk**,

Heteroleptic Metal Alkoxide Oxoclusters as Molecular Models for the Sol–Gel Synthesis of Perovskite Nanoparticles for Bio-Imaging Applications.

Dalton Trans. *(J. Chem. Soc.)* Nr 26 (2008) 3412–21. [DOI]

200. J.G.Sereni, T.Radu, **A.Pikul**,

Analysis of the Very Low Temperature Phase Diagrams of Two Ce Compounds.

J. Optoelectron. Adv. Mater. **10** 7 (2008) 1645–50.

Int.Worksh.on Exotic States in Materials with Strongly Correlated Electrons (ESM '07) SINAIA, RO, 2007.09 07–10

201. J.Singleton, Pei-Chun Ho, M.B.Maple, H.Harima, P.A.Goddard, **Z. Henkie**,

Fermi-Surface Topology and Field-Dependent Effective Masses of the Filled Skutterudite Compound $PrOs_4As_{12}$.

Physica B **403** 5–9 (2008) 758–60. [DOI]

Int.Conf.on Strongly Correlated Electron Systems (SCES '07) HOUSTON, TX, US, 2007.05 13–18

202. A.Ślebarski, W.Głogowski, J.Goraus, **D. Kaczorowski**,

Magnetic and Related Properties of the $CePd_{1-x}Rh_xAl$ System.

Phys. Rev. B **77** (2008) 12 5135 (9). [DOI]

203. A.Ślebarski, **D. Kaczorowski**, W.Głogowski, J.Goraus,

The Low-Temperature Magnetic and Thermal Properties and Electronic Structure of CeAgAl : Experiment and Calculations.

J. Phys. Cond. Matt. **20** (2008) 31 5208 (8). [DOI]

204. И.А.Смирнов, Б.И.Смирнов, Е.Н.Мохов, **Cz. Sułkowski**, **H. Misiorek**, **A.Jeżowski**, A.R.de Arellano-Lopez, J.Martinez-Fernandez,

Термоэдс биморфного карбида кремния. [Thermopower of Biomorphic Silicon Carbide.]

Физ. Тверд. Тела **50** 8 (2008) 1355–58 [in Russian]. Engl. in: *Phys. Solid State* **50** 8 (2008) 1407–11. [DOI]

205. M.Sobczyk, J.Drożdżyński, **R. Lisiecki**, **W. Ryba-Romanowski**,

Near Infrared and Visible Luminescence of U^{3+}-Doped $PbCl_2$ Single Crystals.

J. Lumin. **128** 2 (2008) 185–89. [DOI]

206. M.Sobczyk, P.Starynowicz, **R. Lisiecki**, **W. Ryba-Romanowski**,

Synthesis, Optical Spectra and Radiative Properties of $Sm_2O_3 : PbO : P_2O_5$ Glass Materials.

Opt. Mater. **30** 10 (2008) 1571–75. [DOI]

207. **P. Solarz**,

Pr^{3+} as a Sensitiser of Red Eu^{3+} Luminescence in $K_5Li_2GdF_{10} : Pr^{3+}, Eu^{3+}$ upon VUV–UV Excitation.

Opt. Mater. **31** 1 (2008) 114–16. [DOI]

208. **H. Stachowiak**, E.Boroński,

Electron-Positron Interaction in Jellium: Modification of the Perturbed Hypernetted-Chain Approach.

Acta Phys. Pol. A **113** 5 (2008) 1523–32.

37th Polish Semin.on Positron Annihilation, LĄDEK-Zdrój, PL, 2007.09 03–07

209. P.Strzyżewski, M.J.Sadowski, R.Nietubyć, **K. Rogacki**, T.Paryjczak, J.Rogowski,

Production of Thin Metallic Films by Means of Arc Discharges under Ultra-High Vacuum Conditions.

Mater. Sci. (Poland) **26** 1 (2008) 213–20.

210. J.Šulc, P.Černý, H.Jelínková, **W. Ryba-Romanowski**, **R. Lisiecki**, **P. Solarz**, **G. Dominiak-Dzik**, Y.Urata, M.Higuchi,

Tm-Doped Vanadates under Pulsed Pumping with Variable Duty-Cycle: Impact on Lasing and Fluorescence.

Proc. SPIE **6998** (2008.04) #6998 0T (11). [DOI]

SPIE Conf.on Solid State Lasers and Amplifiers III, STRASBOURG, FR, 2008.04 08–10

211. J.Šulc, P.Koranda, P.Černý, H.Jelínková, Y.Urata, M.Higuchi, **W. Ryba-Romanowski**, **R. Lisiecki**, **P. Solarz**, **G. Dominiak-Dzik**, M.Sobczyk,

Tunable Lasers Based on Diode Pumped Tm-Doped Vanadates $Tm : YVO_4$, $Tm : GdVO_4$, and $Tm : LuVO_4$.

Proc. SPIE **6871** (2008.03) #6871 1V (9). [DOI]

Photonics West (LASE-2008) Solid State Lasers XVII: Technology and Devices, SAN JOSE, CA, US, 2008.01 21–24

212. **W. Suski**, R.Gladyshevskii, N.Vityk, A.Gilewski, T.Mydlarz, **K. Wochowski**,

Magnetic Properties of $Ln_{2.1}Co_{16.9}Si$ Alloys.

Chem. Met. Alloys **1** 1 (2008) 34–37.

9th Int.Conf.on Crystal Chemistry of Intermetallic Compounds, L'VIV, UA, 2005.09 20–24

213. **W. Suski**, N.Vityk, R.Gladyshevskii, A.Gilewski, T.Mydlarz, **K. Wochowski**,

Magnetic Properties of $R_2Co_{17-x}Ga_x$ and $RCo_{5-x}Ga_x$ Alloys (R = Y, Tb) in High Magnetic Fields.

Chem. Met. Alloys **1** 2 (2008) 111–14.

10th Int.Conf.on Crystal Chemistry of Intermetallic Compounds, L'VIV, UA, 2007.09 17–20

214. **W. Suski**, **K. Wochowski**,

Magnetic and Electrical Properties of the $UCu_2T_3Al_7$ Alloys.

J. Alloy. Compd. **450** 1/2 (2008) 75–78. [DOI]

215. **M. Suszyńska**, **M. Szmida**,

Microhardness and Some Fracture-Related Problems in Copper-Doped Soda–Lime Silica Glass.

Opt. Appl. **38** 1 (2008) 245–50.

8th Semin.on Porous Glasses & Special Glasses (PGL 2007) SZKLARSKA PORĘBA PL, 2007.09 04–08

216. I.Szafraniak-Wiza, B.Hilczer, **A.Pietraszko**, E.Talik,

Phase Formations During Mechanochemical Synthesis of $PbTiO_3$.

J. Electrocer. **20** 1 (2008) 21–25. [DOI]

Conf.on Piezoelectricity for End Users III, LIBEREC, CZ, 2007.02 07–09

217. A.Szajek, M.Werwiński, J.A.Morkowski, G.Chełkowska, **R. Troć**,

Photoemission Spectra of Some Uranium Compounds.

Mater. Sci. (Poland) **26**$_4$ (2008) 995–99.
5th Semin.sieci MAG-EL-MAT: New Materials for Magnetoelectronics, BĘDLEWO (Poznań) PL, 2007.05 07–10

218. P.Szklarz, **A.Pietraszko**, R.Jakubas, G.Bator, P.Zieliński, M.Gałazka,

Structure, Phase Transitions and Molecular Dynamics of $[C(NH_2)_3]_3[M_2I_9]$, M = Sb, Bi.

J. Phys. Cond. Matt. **20** (2008) 25 5221 (12). [DOI]

219. **M. Szlawska**, **D. Kaczorowski**,

Intriguing Magnetic and Electrical Transport Behavior in Novel $CeTAs_2$ (T = Cu, Ag, Au) Compounds.

J. Alloy. Compd. **451**$_{1/2}$ (2008) 464–66. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

220. **A.Szmyrka-Grzebyk**, **A.Kowal**, **L. Lipiński**, P.P.M.Steur, R.Dematteis,

Intercomparison of Water Triple Point Cells from INTiBS and INRIM.

Metrol. Meas. Syst. **15**$_4$ (2008) 527–38.

221. **A.Szmyrka-Grzebyk**, **L. Lipiński**, **A.Kowal**, **H. Manuszkiewicz**,

Międzynarodowe porównania wzorców temperatury dla zakresu niskich temperatur.
[International Comparison of Temperature Standards for the Low Temperature Range.]

Pomiary Automatyka Kontrola **54**$_9$ (2008) 662–65 [in Polish].

222. **J. Sznajd**,

Renormalization of Magnetic Chains in a Field: Isothermal Magnetocaloric Effect.

Phys. Rev. B **78** (2008) 21 4411 (8). [DOI]

223. A.E. Szukiel, J.Peisert,

Spin Correlations Effect on the Electrical Resistivity in Rare Earth Intermetallics.

Acta Phys. Pol. A **114**$_1$ (2008) 229–34.
XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe
[13th Polish Sch.of Superconductivity: Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

224. K.Szymański, D.Satuła, B.Kalska, W.Olszewski, L.Dobrzyński, **H. Drulis**, P.Gaczyński, **W. Iwasieczko**, L.Bottyan,

Advantages of Mössbauer Polarimetric Methods in Material Studies.

Hyperf. Interact. **182**$_{1-3}$ (2008) 125–36. [DOI]
29th Int.Conf.on the Applications of the Mössbauer Effect (ICAME 2007) KANPUR, UP, IN, 2007.10 14–19

225. A.Szytuła, A.Arulraj, S.Baran, **D. Kaczorowski**, B.Penc, N.Stüßer,

Magnetic Properties of the Compounds R_2CuIn_3 (R = Tb, Dy, Ho, Er).

Solid State Commun. **147**$_{1/2}$ (2008) 61–64. [DOI]

226. A.Szytuła, **D. Kaczorowski**, Ł.Gondek, A.Arulraj, S.Baran, B.Penc,

Magnetic Structure of $PrRh_2Si_2$.

Solid State Commun. **146**$_{1/2}$ (2008) 61–64. [DOI]

227. A.Szytuła, **D. Kaczorowski**, M.Kalychak, B.Penc, Yu.Tyvanchuk, A.Winiarski,

Electronic Structure and Magnetic Properties of the Compound CeCuIn.

J. Phys. Chem. Solids **69**$_{10}$ (2008) 2416–19. [DOI]

228. A.Szytuła, B.Penc, **D. Kaczorowski**, A.Arulraj, S.Baran, N.Stüßer, K.Tomala,

Magnetic and Electronic Properties of RCo_xGe_2 (R = Pr, Nd) Compounds.

J. Alloy. Compd. **460**$_{1/2}$ (2008) 120–24. [DOI]

229. E.Talik, M.Klimczak, A.Winiarski, **R. Troć**,

Crystal Growth of $Gd_{7-x}Y_xPd_3$ Intermetallics.

J. Cryst. Growth **310** $_{7-9}$ (2008) 1886–90. [DOI]
15th Int.Conf.on Crystal Growth (ICCG-15) SALT LAKE CITY, UT, US, 2007.08 12–17

230. J.Tarasiewicz, R.Jakubas, J.Zaleski, **J. Baran**,

Structural Characterization, Thermal, Dielectric and Spectroscopic Properties of Di(n-Pentylammonium) Pentabromoantimonate(III): $[n\text{-}C_5H_{11}NH_3]_2[SbBr_5]$.

J. Mol. Struct. **876** $_{1-3}$ (2008) 86–101. [DOI]

231. M.B.Tchoula Tchokonté, P.de V. du Plessis, **D. Kaczorowski**, A.M.Strydom,

Electrical and Magnetic Properties of the Kondo System $(Ce_{1-x}Y_x)Pt_2Si_2$ ($0 \leq x \leq 1$).

Physica B **403** $_{5-9}$ (2008) 1350–52. [DOI]
Int.Conf.on Strongly Correlated Electron Systems (SCES '07) HOUSTON, TX, US, 2007.05 13–18

232. E.A.Tereshina, A.V.Andreev, **H. Drulis**, S.Danis,

Magnetic Properties of Zr-Doped Lu_2Fe_{17} Single Crystal and Its Hydride.

IEEE Trans. on Magn. **44** $_{11}$ (2008) 4210–13 [Pt 2]. [DOI]
IEEE Int. Magnetics Conf. (INTERMAG 2008) MADRID, ES, 2008.05 04–08

233. I.S.Tereshina, G.S.Burkhanov, S.Dobatkin, O.D.Chistyakov, E.A.Tereshina, **H. Drulis**,

Magnetic Parameters of $R_2Fe_{14}B$ Compounds with Nanograin Structure.

Mater. Sci. Forum **584–6** (2008) 950–54. [DOI]
4th Int.Conf.on Nanomaterials by Severe Plastic Deformation, GOSLAR, DE, 2008.08 18–22

234. Е.А.Терешина, И.С.Терешина, С.А.Никитин, Г.С.Бурханов, О.Д.Чистяков, И.В.Телегина, В.А.Белоусова, T.Palewski, **H. Drulis**,

Влияние гидрирования на магнитные свойства интерметаллического соединения $Er_2Fe_{14}B$ с моно- и нанокристаллической структурами. [Influence of Hydrogenation on Magnetic Properties of Single- and Nano-crystalline Intermetallic Compound $Er_2Fe_{14}B$.]

Физ. Твердˆ. Тела **50** $_1$ (2008) 54–60 [in Russian]. Engl.in: *Phys. Solid State* **50** $_1$ (2008) 56–62. [DOI]

235. H.Teterycz, E.Günister, Ö.I.Ece, G.Halek, **R. Klimkiewicz**,

Wpływ temperatury na mikrostrukturę sepiolitu. [Influence of Temperature on the Micro-structure of Sepiolite.]

Elektronika **49** $_6$ (2008) 251–52 [in Polish].
X Konf.Nauk.: Czujniki Optoelektroniczne i Elektroniczne (COE 2008) [10th Conf.on Optoelectronic and Electronic Sensors] POZNAŃ, PL, 2008.06 22–25

236. R.Thomas, S.Pal, A.Datta, **M.K. Marchewka**, H.Ratajczak, S.K.Pati, G.U.Kulkarni,

Charge Density Analysis of Two Proton Transfer Complexes: Understanding Hydrogen Bonding and Determination of In-Crystal Dipole Moments.

J. Chem. Sci. **120** $_6$ (2008) 613–20. [DOI]
Int.Conf.on Molecules and Materials – New Directions, BANGALORE, IN, 2008.12 04–??

237. T.Toliński, **D. Kaczorowski**, A.Kowalczyk, A.Hoser, N.Stüßer, E.Talik, L.M.Klimczak,

Neutron Diffraction and Magnetization Measurements on $CeNi_{4.2}Mn_{0.8}$ and $Y_{0.7}Ni_{4.2}Mn_{0.8}$.

phys. stat. sol. (b) **245** $_6$ (2008) 1202–5. [DOI]

238. **P.E. Tomaszewski**,

Phase Transitions in Extremely Small Crystals.

Ferroelectrics **375** $_1$ (2008) 74–91. [DOI]

239. **P.E. Tomaszewski**,

Rozmiarowe przemiany fazowe w nanokryształach. [Size-Driven Phase Transitions in Nanocrystals.]

Post. Fizyki **59** $_5$ (2008) 200–3 [in Polish].

240. **V.H. Tran**,

Unusual Electron Transport Properties of $U_{0.05}Y_{0.95}Al_2$.

Acta Phys. Pol. A **113** 1 (2008) 387–90.
13th Czech and Slovak Conf.on Magnetism, KOŠICE, SK, 2006.07 09–12

241. **V.H. Tran**,

Effect of Randomness on Anomalous Hall Coefficient in Antiferromagnet U_2PdGa_3 .

Mater. Sci. (Poland) **26** 4 (2008) 1069–75.
5th Semin.sieci MAG-EL-MAT: New Materials for Magnetoelectronics, BĘDLEWO (Poznań) PL, 2007.05 07–10

242. **V.H. Tran**, E.Bauer, A.Galatanu, Z.Bukowski,

Magnetoresistivity and Upper Critical Field in Superconductor Mo_3Sb_7 .

J. Optoelectron. Adv. Mater. **10** 7 (2008) 1630–32.
Int.Worksh.on Exotic States in Materials with Strongly Correlated Electrons (ESM '07) SINAIA, RO, 2007.09 07–10

243. **V.H. Tran**, Z. Bukowski,

Synthesis and Characterization of the Superconductor Mo_3Sb_7 .

Acta Phys. Pol. A **114** 1 (2008) 67–74.
XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe
[13th Polish Sch.of Superconductivity; Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

244. **V.H. Tran**, M.Gamża, A.Ślebarski, **W. Miiller**, J.Jarmulska,

Magnetism of the Series of Inter-Metallic Ce_5CuM_3 Compounds, where M = Sn, Pb and Bi.

J. Alloy. Compd. **451** 1/2 (2008) 457–60. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

245. **V.H. Tran**, A.D.Hillier, D.T.Adroja, Z.Bukowski,

Muon-Spin-Rotation Study of the Superconducting Properties of Mo_3Sb_7 .

Phys. Rev. B **78** (2008) 17 2505 (4). [DOI]

246. **V.H. Tran**, R.T.Khan, E.Bauer, P.Rogl,

High Pressure Electrical Resistivity Study on Itinerant Ferromagnetic β-UB_2C.

Physica B **403** 5–9 (2008) 1375–77. [DOI]
Int.Conf.on Strongly Correlated Electron Systems (SCES '07) HOUSTON, TX, US, 2007.05 13–18

247. **V.H. Tran**, **W. Miiller**, Z.Bukowski,

Low-Temperature Specific Heat of the Superconductor Mo_3Sb_7 .

Acta Mater. **56** 19 (2008) 5694–700. [DOI]

248. **V.H. Tran**, **W. Miiller**, Z.Bukowski,

Observation of a Spin Gap in the Normal State of Superconducting Mo_3Sb_7 .

Phys. Rev. Lett. **100** (2008) 13 7004 (4). [DOI]

249. **V.H. Tran**, P.Rogl, T.Mori, H.Ripplinger, K.Schwarz,

Unique Crystal Structure and Anomalous Magnetic Behavior of Quaternary $U_2ScB_6C_3$.

Chem. Mater. **20** 17 (2008) 5643–51. [DOI]

250. **V.H. Tran**, A.Ślebarski, **W. Miiller**,

XPS Valence Bands of the $URh_{1-x}Ru_xGe$ Solid Solutions.

J. Alloy. Compd. **451** 1/2 (2008) 497–99. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

251. **V.H. Tran**, B.Świątek-Tran,

Spin-Glass Behavior in the Coordination Polymer $[Co(C_3H_3N_2)_2]_n$.

Dalton Trans. *(J. Chem. Soc.)* Nr 36 (2008) 4860–65. [DOI]

252. **P. Trojanowski**, **M. Ciszek**,

Sensitivity of the Integrating Pulse Magnetometer with a First-Order Gradiometer.

Rev. Sci. Instrum. **79** (2008) 10 4701 (8). [DOI]

253. A.M.Trzeciak, E.Mieczyńska, J.J.Ziółkowski, W.Bukowski, A.Bukowska, J.Noworól, **J. Okal**,

Palladium(0) Nanoparticles Encapsulated in Diamine-Modified Glycidyl Methacrylate Polymer (GMA–CHDA) Applied as Catalyst of Suzuki–Miyaura Cross-Coupling Reaction.

New J. Chem. **32** 7 (2008) 1124–30. [DOI]

254. Є.Венгер, Ю.Пасічник, К.Шпортько, **J. Baran**, **M. Trzebiatowska-Gusowska**,

Модель діелектричної проникності монокристалів Zn_3P_2 та $ZnGeP_2$ в області залишкових променів. [The Model of the Dielectric Permittivity of Zn_3P_2 and $ZnGeP_2$ Single Crystals in the Region of Residual Beams.]

Висн. Львив. Ун-ту Сер. фіз. № 41 (2008) 29–35 [in Ukrainian].

255. В.С.Вихнин, Г.Р.Асатрян, Т.И.Максимова, **M. Mączka**, **J. Hanuza**,

Природа структурного локального перехода в молекулярном примесном ионе MnO_4^{2-} в ферроеластике $K_3Na(CrO_4)_2$. [Origin of the Structural Local Transition in the Molecular Impurity Ion MnO_4^{2-} in the $K_3Na(CrO_4)_2$ Ferroelastic.]

Физ. Твердо. Тела **50** 9 (2008) 1642–49 [in Russian]. Engl.in: *Phys. Solid State* **50** 9 (2008) 1707–15. [DOI]
XIII Feofilov Symp.on Spectroscopy of Crystals Doped by Rare-Earth and Transition-Metal Ions, IRKUTSK, RU, 2007.07 09–13

256. M.Wandas, J.Lorenc, E.Kucharska, **M. Mączka**, **J. Hanuza**,

Molecular Structure and Vibrational Spectra of 3 (or 4 or 6)-Methyl-5-Nitro-2-Pyridinethiones: FT-IR, FT-Raman and DFT Quantum Chemical Calculations.

J. Raman Spectr. **39** 7 (2008) 832–41. [DOI]

257. **A. Waśkowska**, L.Gerward, J.Staun Olsen, W.Morgenroth, E.Malicka, D.Skrzypek,

Temperature Dependent Lattice Instability in Single Crystals of Ferromagnetic $CdCr_2Se_4$ Diluted with In and Sb.

J. Phys. Cond. Matt. **20** (2008) 42 5209 (8). [DOI]

258. **A. Waśkowska**, L.Gerward, J.Staun Olsen, A.Sieradzki, W.Morgenroth,

Na_2TiGeO_5 : Crystal Structure Stability at Low Temperature and High Pressure.

J. Phys. Chem. Solids **69** 4 (2008) 815–21. [DOI]

259. **R. Wawryk**, **O. Żogał**, **A. Pietraszko**, **S. Paluch**, **T. Cichorek**, W.M.Yuhasz, T.A.Sayles, P.-C.Ho, T.Yanagisawa, N.P.Butch, M.B.Maple, **Z. Henkie**,

Crystal Structure, ^{139}La NMR and Transport Properties of the As-Based Filled Skutterudites $LaOs_4As_{12}$ and $PrOs_4As_{12}$.

J. Alloy. Compd. **451** 1/2 (2008) 454–56. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

260. **P. Wiśniewski**, **Z. Henkie**, **A. Pietraszko**,

Crystallization of $(Th_{1-x}U_x)_3As_4$ Ferromagnetic Superconductor from the Ga-Flux.

Mater. Sci. (Poland) **26** 4 (2008) 933–38.
5th Semin.sieci MAG-EL-MAT: New Materials for Magnetoelectronics, BĘDLEWO (Poznań) PL, 2007.05 07–10

261. M.Wojtaś, R.Jakubas, J.Zaleski, G.Bator, **J. Baran**,

The Phase Situation and Ferroelectric Properties in the Mixed Crystals $[4-NH_2PyH][SbCl_{4(1-x)}Br_{4x}]$.

J. Mol. Struct. **887** 1 – 3 (2008) 262–68. [DOI]
9th Int.Conf.on Molecular Spectroscopy, WROCŁAW & LĄDEK-Zdrój, PL, 2007.09 12–16

262. J.Wolska, K.Przepiera, **H. Grabowska**, A.Przepiera, M.Jabłoński, **R. Klimkiewicz**,

$ZnFe_2O_4$ as a New Catalyst in the *C*-Methylation of Phenol.

Res. Chem. Intermed. **34** 1 (2008) 43–51. [DOI]

263. **P. Wróbel**, **W. Suleja**,

Pairing-Symmetry Selection in a Weakly Doped Canted Antiferromagnet on the Triangular Lattice.

Acta Phys. Pol. A **114**$_1$ (2008) 225–28.
XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe [13th Polish Sch.of Superconductivity: Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

264. **P. Wróbel**, **W. Suleja**, R.Eder,

Spin Polarons in Weakly Doped Antiferromagnets: Experimental Evidence Obtained for Cuprates.

Acta Phys. Pol. A **114**$_1$ (2008) 51–58.
XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe [13th Polish Sch.of Superconductivity: Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

265. **P. Wróbel**, **W. Suleja**, R.Eder,

Spin-Polaron Band Structure and Hole Pockets in Underdoped Cuprates.

Phys. Rev. B **78** (2008) 06 4501 (18). [DOI]

266. T.Yanagisawa, Y.Yasumoto, Y.Nemoto, T.Goto, W.M.Yuhasz, P.-C.Ho, M.B.Maple, **Z. Henkie**, **A.Pietraszko**,

Quadrupole Effect in the Filled Skutterudite Compound $PrOs_4As_{12}$.

J. Phys. Soc. Japan **77** Suppl. A (2008) 225–28.
Int.Conf.on New Quantum Phenomena in Skutterudite and Related Systems, KOBE, JP, 2007.09 27–30

267. T.Yanagisawa, W.M.Yuhasz, T.A.Sayles, P.-C.Ho, M.B.Maple, H.Watanabe, Y.Yasumoto, Y.Nemoto, T.Goto, **Z. Henkie**, **A.Pietraszko**,

Ultrasonic Investigation of Field-Dependent Ordered Phases in the Filled Skutterudite Compound $PrOs_4As_{12}$.

Phys. Rev. B **77** (2008) 09 4435 (7). [DOI]

268. F.S.Yel'kin, V.A.Sidorov, **A.Waśkowska**, L.Gerward, J.Staun Olsen, G.Vaitheeswaran, V.Kanchana,

Phase Transitions in Cd_3P_2 at High Pressures and High Temperatures.

J. Alloy. Compd. **450**$_{1/2}$ (2008) 79–85. [DOI]

269. **T.A.Zaleski**, **T.K. Kopeć**,

Antiferromagnetic Order in the Hubbard Model: Spin-Charge Rotating Reference Frame Approach.

Acta Phys. Pol. A **114**$_1$ (2008) 247–52.
XIII Kraj.Szk.Nadprzew.: Nadprzewodnictwo, Uporządkowanie spinowe i ładunkowe [13th Polish Sch.of Superconductivity: Spin and Charge Ordering] LĄDEK-Zdrój, PL, 2007.11 06–10

270. **T.A.Zaleski**, **T.K. Kopeć**,,

Néel Order in the Hubbard Model within a Spin-Charge Rotating Reference Frame Approach: Crossover from Weak to Strong Coupling.

Phys. Rev. B **77** (2008) 12 5120 (11). [DOI]

271. **M. Zawadzki**,

Microwave-Assisted Synthesis and Characterization of Ultra-fine Neodymium Oxide Particles.

J. Alloy. Compd. **451**$_{1/2}$ (2008) 297–300. [DOI]
6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

272. **M. Zawadzki**,

Preparation and Characterization of Ceria Nanoparticles by Microwave-Assisted Solvothermal Process.

J. Alloy. Compd. **454**$_{1/2}$ (2008) 347–51. [DOI]

273. **M. Zawadzki**, **J. Okal**,

Synthesis and Structure Characterization of Ru Nanoparticles, PVP Stabilized and Supported on γ-Al_2O_3 .

Mater. Res. Bull. **43**$_{11}$ (2008) 3111–21. [DOI]

274. **O.J. Żogał**, P.Vajda, D.Massiot,

One and Two-Dimensional ^{2}H NMR Spectra in $LaD_{2.85}$.

Pol. J. Chem. **82** $_{10}$ (2008) 1905–10.

275. E.Zych, M.Wawrzyniak, A.Kossek, J.Trojan-Piegza, **L.Kępiński**,

New Synthesis Procedure for Nano-particulate Lu_2O_3 : Eu and Spectroscopy of the Product.

J. Alloy. Compd. **451** $_{1/2}$ (2008) 591–94. [DOI]

6th Int.Conf.on f-Elements (ICFE-6) WROCŁAW, PL, 2006.09 04–09

276. E.Zych, M.Wójtowicz, **L.Kępiński**, **M.A.Małecka**,

Size Effects in the Low Temperature Spectroscopy of Lu_2O_3 Nanopowders.

Opt. Mater. **31** $_2$ (2008) 241–46. [DOI]

PUBLIKACJE W MATERIAŁACH KONFERENCYJNYCH
Publications in Conference Materials

277. **M. Ciszek**, O.Tsukamoto,

Rozpraszanie energii magnetycznej w cienkowarstwowych nadprzewodzących taśmach kompozytowych na bazie YBCO-123. [Dispersion of Magnetic Energy in Thin-Film Superconducting Composite Ribbons Based on YBCO-123.]

In: *Materiały VII Seminarium i Warsztatów „Zastosowania Nadprzewodników"*, ed. by T.Janowski and P.Surdacki (Lublin: 2008) pp. 23–31 [in Polish].

8th Semin.& Worksh.on Applications of Superconductors, NAŁĘCZÓW, PL, 2007.06 17–20

278. J.Lorenc, I.Bryndal, W.Syska, M.Wandas, **K. Hermanowicz**, **M. Marchewka**, **M. Mączka**, T.Lis, **J. Hanuza**,

Structure and Vibrational Properties of a Novel Hybrid Material: 2-Amino-4-Methyl-3-Nitropyridinium Trifluoroacetate.

In: *Proceedings of the XXIst International Conference on Raman Spectroscopy* ed. by R.Withnall & B.Z.Chowdhry (Chichester: IM Publications LLP, 2008) pp. 756–57.

21st Int.Conf.on Raman *Spectroscopy* Uxbridge, West LONDON, UK, 2008.08 17–22

279. **M. Mączka**, **A. Pietraszko**, W.Paraguassu, A.G.Souza Filho, P.T.C.Freire, J.Mendes Filho, **J. Hanuza**,

High-Pressure Raman Scattering Studies of a Novel Layered Molybdate – $K_3Fe(MoO_4)_2(Mo_2O_7)$.

In: *Proceedings of the XXIst International Conference on Raman Spectroscopy* ed. by R.Withnall & B.Z.Chowdhry (Chichester: IM Publications LLP, 2008) pp. 203–4.

21st Int.Conf.on Raman *Spectroscopy* Uxbridge, West LONDON, UK, 2008.08 17–22

280. **P. Psuja**, **D. Hreniak**, **W. Stręk**,

Fabrication, Properties and Possible Applications of Pure and Eu^{3+}-Doped SnO_2 and In_2O_3/SnO_2 (ITO) Nanocrystallites.

In: *Photonics and Microsystems, 2007* [Proc. IEEE International Students and Young Scientists Workshop] (Piscataway, NJ: IEEE, 2008) pp. 66–69.

2007 Int. Students and Young Scientists Workshop: "Photonics and Microsystems" DRESDEN, DE, 2007.07 08–10

281. **P. Psuja**, L.Marciniak, **D. Hreniak**, **W. Stręk**,

Fabrication and Optical Properties of Selected Coreshell Structures with Nanocrystalline Rare-Earth Doped Phosphors Coated with SiO_2 Submicron Particles.

In: *Photonics and Microsystems, 2007* [Proc. IEE International Students and Young Scientists Workshop] (Piscataway, NJ: IEEE, 2008) pp. 46–49.

2007 Int. Students and Young Scientists Workshop: "Photonics and Microsystems" DRESDEN, DE, 2007.07 08–10

LISTA PREZENTACJI KONFERENCYJNYCH
LIST OF CONFERENCE PRESENTATIONS

1. Tran Kim Anh, Dinh Xuan Loc, Lam thi Kieu Giang, **W. Stręk**, Le Quoc Minh,
   Preparation, Optical Properties of ZnO, ZnO : Al Nanorods and $Y(OH)_3$: Eu Nanotube. (P)
   II Kraj.Konf. Nanotechnologii [2nd Natl Conf.on Nanotechnology] (NANO 2008) Cracow, PL, 2008.06 25–28

2. Tran Kim Anh, Man Hoai Nam, Dinh Xuan Loc, Nguyen Vu, **W. Stręk**, Le Quoc Minh,
   Preparation and Optical Properties of ZnO, ZnO : Al Nanomaterials. (P)
   APCTP–ASEAN Worksh.on Advanced Materials Science and Nanotechnology (AMSN'08) Nha Trang City, VN, 2008.09 15–21

3. **V. Apinyan**,
   Spin-Rotationally Invariant Approach to Electron Pairing Mechanism in the Hubbard Model. (P)
   Int.Semin. & Worksh.on Unconventional Phases and Phase Transitions in Strongly Correlated Electron Systems, Dresden, DE, 2008.06 04–07

4. **V.A.Apinyan**, **T.K. Kopeć**,
   Emergence of Pairing Interaction in the Hubbard Model in the Strong Coupling Limit. (P)
   Int.Conf.on Quantum Phenomena in Complex Matter (Stripes'08) Erice (Sicily) IT, 2008.07 26 –.08 01

5. M.Ausloos, J.-F.Fagnard, Ph.Vanderbemden, **J. Mucha**, V.Drozd, M.Pękała,
   Localization Length from Fine Magneto-Transport Properties of $La_{0.5}Ba_{0.5}MnO_3$. (C)
   Conf.of Condensed Matter Division of EPS (CMD-22) Rome, IT, 2008.08 25–29

6. M.Ausloos, **J. Mucha**, F.Wolf, V.Drozd, M.Pękała,
   Toward a Strong Magnetocaloric Effect: $La_{0.7}Ca_{0.3}MnO_3$ and $Tb_{0.9}Sn_{0.1}MnO_3$. (C)
   25th Int.Conf.on Low Temperature Physics (LT-25) Amsterdam, NL, 2008.08 06–13

7. S.Baran, A.Arulraj, **D. Kaczorowski**, B.Penc, A.Szytuła,
   Magnetic Ordering and Magnetic Properties Of $ErAu_xNi_{1-x}In$ ($0 \leq x \leq 1$) Solid Solution. (P)
   16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

8. S.Baran, A.Szytuła, **D. Kaczorowski**, Ł.Gondek, **A.Pikul**, A.Arulraj, B.Penc,
   Własności magnetyczne związków międzymetalicznych prazeodymu i erbu. [Magnetic Properties of the Intermetallic Compounds of Praseodymium and Erbium.] (P)
   Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

9. D.Berthebaud, **A.P. Pikul**, O.Tougait, H.Noël, **D. Kaczorowski**,
   Thermoelectric Properties of Ternary Compounds from the Ce–Fe–Si [Series]. (P)
   6th Eur.Conf.on Thermoelectrics, Paris, FR, 2008.07 02-04

10. M.Bleckmann, A.Buchsteiner, N.Stüßer, **K. Gofryk**, **D. Kaczorowski**, S.Süllow,
    Antiferromagnetic Structure of UPd_2Sb. (P)
    Int.Conf.on Strongly Correlated Electron Systems (SCES-13) Búzios, RJ, BR, 2008.08 17–22

11. M.T.Borowiec, T.Zayarnyuk, A.Szewczyk, H.Szymczak, **D. Kaczorowski**, **A.Pikul**,
    Dwuwolframiany ziem rzadkich. [Rare-Earth Double Tungstates.] (C)
    Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

12. U.Burkhardt, **R. Troć**, **D. Kaczorowski**, Yu.Grin,
    X-ray Absorption Spectroscopy on Uranium Compounds. (C)
    38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

13. A.Chuchmała, **R.J. Wiglusz**, **B. Macalik**, **P. Głuchowski**, B.Mazurek, **W. Stręk**,

Electric Properties of $La_{0.8}Sr_{0.2}CoO_{3-\delta}$ Nanoceramics. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

14. **T. Cichorek**,

Intrygujące własności fizyczne skutterudytów arsenowych. [Intriguing Properties of Arsenium Scutterudites.] (L)

XIII Minisympozjum Fizyki Statystycznej [13th Mini-symp.on Statistical Physics] Wrocław, PL, 2008.06 20–20

15. **T. Cichorek**,

Niskotemperaturowe własności fizyczne wybranych skutterudytów arsenowych i kwadrupolowy efekt Kondo w La(Pr)Pb_3 . [Low-Temperature Physical Properties of Selected Arsenium Scutterudites and the Quadrupole Kondo Effect in La(Pr)Pb_3 .] (C)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

16. **T. Cichorek**, R.R.Gałązka,

Nadprzewodnictwo i korelacje elektronowe w PbTe : Tl. [Superconductivity and Electron Correlations in PbTe : Tl.] (L)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

17. **T. Cichorek**, A.Schlechte, R.Niewa, M.Schmidt, R.Ramlau, M. Bednarski, Ł. Bochenek, **D. Gnida**, G.Auffermann, Yu.Prots, W.Schnelle, N.V.Kozlova, J.Freudenberger, A.Kolomiets, J.-Ch.Griveau, **Z. Henkie**, F.Steglich, R.Kniep,

Low-Temperature Electrical Resistivity of ThAsSe and Thermo-Chemical Properties of Its Non-Actinide Derivatives. (C)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

18. **T. Cichorek**, **R. Wawryk**, **Z. Henkie**, R.E.Baumbach, M.B.Maple,

Intriguing Physical Properties of the As-Based Filled Skutterudites. (C)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

19. **T. Cichorek**, **R. Wawryk**, **Z. Henkie**, R.E.Baumbach, M.B.Maple,

Intriguing Physical Properties of the As-Based Filled Skutterudites. (P)

Int.Conf.on Strongly Correlated Electron Systems (SCES-13) Búzios, RJ, BR, 2008.08 17–22

20. **M. Ciszek**, **K. Rogacki**, **K. Oganisian**, J.Karpiński,

AC Losses in MgB_2 Single Crystals at Low Magnetic Fields. (P)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

21. **M. Daszkiewicz**, L.D.Gulay, O.S.Lychymanyuk, **A.Pietraszko**,

Crystal Structures of the $Ln_3Ag_{1-\delta}GeS_7$ (Ln = La, Ce, Pr, Nd, Sm, Gd, Tb, Dy, Ho, Y, and Er; δ = 0.11–0.50) Compounds. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

22. **M. Daszkiewicz**, A.Wojciechowska,

Structural and Spectroscopic Studies of $\{[Zn(L\text{-tyrosine})_2](H_2O)\}_n$ and $Cu(L\text{-tyrosine})_2]_n$ Complexes. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

23. **P. Dereń**,

Spectroscopy of Laser Crystals. (I)

17th Int. Laser Physics Worksh, Trondheim, NV, 2008.06 30 –.07 04

24. **P. Dereń**,

Pair in Nanocrystals. (I)

2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials (IWASOM'08) Gdańsk, PL, 2008.07 13–17

25. **P.J. Dereń**, K. Lemański, **W. Stręk**, Ph.Goldner, O.Guillot-Noël, Cz.Koepke, D.Piątkowski, K.Wiśniewski,

Up-conversion Emission Observed in $LaAlO_3 : Ho^{3+}$ Nanocrystals. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

26. **P.J. Dereń**, **R. Pązik**, K. Lemański, **W. Stręk**, Ph.Boutinaud, R.Mahiou,

Spectroscopic Properties of $CaTiO_3$ Nanocrystals Doped with Rare Earth Ions. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

27. V.M.Dmitriev, **A.J. Zaleski**, E.P.Khlybov, L.F.Rybaltchenko, E.V.Khristenko, L.A.Ishchenko, A.V.Terekhov,

Superconductivity and Magnetism of $Dy_{1-x}Y_xRh_4B_4$: Candidate of Spin Triplet Cooper Pairing. (?)

Juvilejna pidsumkova naukowa konferencja prisviachena 90-riczju Nacionalnoi Akademii Nauk Ukraini, Kharkiv, UA, 2008.11 03–07

28. **G. Dominiak-Dzik**, **R. Lisiecki**, **W. Ryba-Romanowski**,

Oxyfluoride Glass-Ceramics Doped with Pr^{3+}: Structural and Spectroscopic Characterization. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

29. M.Falkowski, **V.H. Tran**, M.Reiffers, T.Toliński, A.Kowalczyk,

Specific Heat and Thermoelectric Power of $YbNi_4Si$. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

30. I.Földvári, **R. Lisiecki**, **G. Dominiak-Dzik**, **W. Ryba-Romanowski**, A.Peter,

Conversion of a 980 nm Excitation into Shorter Wavelength Emission in Bi_2TeO_5 Crystals Co-Doped with Yb^{3+} and Tm^{3+}. (C)

15th Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter (ICL'08) Lyon, FR, 2008.07 07–11

31. H.Fuks, S.M.Kaczmarek, **L.Macalik**, **B. Macalik**, **J. Hanuza**,

EPR and Vibrational Studies of $YVO_4 : Tm^{3+}, Yb^{3+}$ Single Crystal. (P)

2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials, Gdańsk, PL, 2008.07 13–17

32. **A.Gągor**, M.Wojtaś, **A.Pietraszko**, R.Jakubas,

From Six- to Five-Coordinated Sb^{III} in $[(CH_3)_3PH]_3[Sb_2Cl_9]$: Transition Pathways from Single-Crystal X-ray Diffraction. (P)

18th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Zakopane, PL, 2008.05 18–22

33. **A.Gągor**, M.Wojtaś, R.Jakubas, **A.Pietraszko**,

From Six- to Five-Coordinated Sb^{III} in $[(CH_3)_3PH]_3[Sb_2Cl_9]$: Transition Pathways from Single-Crystal X-ray Diffraction. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

34. D.Gajda, V.P.Dyakonov, V.Beloshenko, V.Spuskanyuk, **A.J. Zaleski**,

The Factors Influencing the Enhancement of the Critical Current I_c and Pinning Force F_p in Superconducting Wires NbTi/Cu. (P)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

35. D.Gajda, A.Morawski, **A.J. Zaleski**,

The Influence of Cold-Drawing [of] NbTi Wire on [Its] Critical Current Density. (C)

6th Int.Conf.on Electromagnetic Devices and Processes in Environment Protection (ELMECO-6) joint with 9th Semin.on Applications of Superconductors (AoS-9) Nałęczów (Lublin) PL, 2008.06 24–28

36. D.Gajda, A.Morawski, **A.Zaleski**,

The Comparison of Critical Current Density [of] Wires [of] NbTi/Cu with [That of] Wires [of] MgB_2/Fe. (C)

6th Int.Conf.on Electromagnetic Devices and Processes in Environment Protection (ELMECO-6) joint with 9th Semin.on Applications of Superconductors (AoS-9) Nałęczów (Lublin) PL, 2008.06 24–28

37. **Z. Gajek**, **G. Banach**, E. Boroński, **R. Troć**,

On Some Differences in Simulated Electronic Structures of URu_2Si_2 and UCu_2Si_2 . (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

38. T.Gavrilko, G.Puchkovska, W.Shimanovskaya, T.Haljawka, W.Kshhjakina, **J. Baran**,

Структура и поверхностные свойства нанокристалическич титано-марганцевых окислов. [Structure and Surface Properties of the Nanocrystals of the Titanium-Manganous Oxides.] (P)

Наноструктурные материалы –2008: Беларус–Россия–Украина, Minsk, BY, 2008.04 22–25

39. **P. Głuchowski**, **R. Pązik**, **D. Hreniak**, **W. Stręk**,

Optical Properties of Cr^{3+} : $MgAl_2O_4$ Nanoceramics. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

40. **P. Głuchowski**, **R. Pązik**, **D. Hreniak**, **W. Stręk**,

Luminescence Studies of Cr^{3+} : $Y_3Al_5O_{12}$ Nanoceramics. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

41. L.D.Gulay, **M. Daszkiewicz**, V.Ya.Shemet,

Crystal Structure of the R_2PbS_4 (R = Y, Dy, Ho, Er, and Tm) Compounds and a Comparison with the Crystal Structures of Other Rare-Earth Lead Chalcogenides. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

42. L.D.Gulay, V.Ya.Shemet, **M. Daszkiewicz**, **A.Pietraszko**,

Crystal Chemistry of Ternary Chalcogenides in the R_2X_3–$Cu(Ag)_2X$ Systems. (P)

4th Int.Worksh.: Relaxed, Nonlinear and Acoustic Optical Processes, Materials Growth and Optical Properties (PNAOPM'2008) Shatsk Lakes, Lutsk, UA, 2008.06 01–05

43. **M.A. Gusowski**, **W. Ryba-Romanowski**,

Luminescence of Pr^{3+} in K_3YF_6 and K_3GdF_6 in VUV–VIS Region. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

44. **M. Gusowski**, **W. Ryba-Romanowski**,

Spectroscopic Properties of K_3TbF_6 and Tb^{3+}-Doped K_3YF_6 in VUV–VIS Region. (P)

2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials, Gdańsk, PL, 2008.07 13–17

45. M.Hermanowicz, A.Jezierski, J.Kaczkowski, **D. Kaczorowski**, M.Richter,

Electronic Structure of Ternary Antimonides PdYbSb. (P)

Europ.Conf.on Physics of Magnetism (PM'08) Poznań, PL, 2008.06 24–27

46. B.Hilczer, I.Szafraniak-Wiza, B.Andrzjewski, W.Bednarski, **A.Pietraszko**,

Characterization of Ferroic Nanopowders Obtained by Mechanosynthesis. (I)

COST Action 539: 4th Worksh.on Fabrication, Properties and Applications of Electroceramic Nanostructures (ELENA) Genoa, IT, 2008.06 26–28

47. **D. Hreniak**,

Structural and Luminescence Properties of Cr^{3+}-Doped $Y_3Al_5O_{12}$ Nanocrystalline Powders. (P)

15th Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter (ICL '08) Lyon, FR, 2008.07 07–11

48. **D. Hreniak**,

The f–f Emission of Pr^{3+} Ion as an Optical Probe for the Structural Properties of YAG Nanoceramics. (C)

4th Int.Symp.on Transparent Ceramics for Lasers (LCS 2008) Shanghai, CN, 2008.11 10–14

49. **D. Hreniak**, **P. Głuchowski**, **A.Jeżowski**, **W. Stręk**, M.Lastusaari, J.Hölsä, G.Boulon, Y.Guyot, W.Łojkowski,

Method of Preparation and Properties of the $Y_3Al_5O_{12} : Yb^{3+}$ (YAG : Yb^{3+}) Nanoceramics. (P)

2nd Int.Conf.on Ceramics, Verona, IT, 2008.06 29 –.07 04

50. **D. Hreniak**, **P. Psuja**, A.Hreniak, **W. Stręk**,

Photovoltaic Properties of Nanostructured TiO_2 Subjected to Isostatic High Pressure. (P)

17th Int.Conf.on Photochemical Conversion and Storage of Solar Energy, Sydney, NSW, AU, 2008.07 27 –.08 01

51. B.Idzikowski, Z.Śniadecki, **D. Kaczorowski**,

Nanocrystals Formation in $Ce_{100-x}Al_x$ ($x = 45, 50$) Ribbons by Rapid Solidification from the Liquid State. (P)

IEEE Int. Magnetics Conf. (INTERMAG 2008) Madrid, ES, 2008.05 04–08

52. B.Idzikowski, Z.Śniadecki, M.Mielniczuk, R.Puźniak, **D. Kaczorowski**, A.Wiśniewski,

Nanostructure Formation During Rapid Solidification Process in $Ce_{100-x}Al_x$ ($x = 45, 50$) Alloys. (P)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

53. B.Idzikowski, Z.Śniadecki, B.Mielniczuk, **D. Kaczorowski**, R.Puźniak, A.Wiśniewski,

Nanocrystals Formation in $Ce_{100-x}Al_x$ ($x = 45, 50$) Ribbons by Rapid Solidification from the Liquid State. (L)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

54. T.I.Ivanova, S.A.Nikitin, **W. Suski**, G.A.Tskhadadze, I.A.Ovtchenkova, **D. Badurski**,

Magnetic Properties, Magnetoresistivity and Magnetocaloric Effect in $Gd_xLa_{1-x}MnSi$ Alloys. (C)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

55. E.Jakubczyk, **L. Krajczyk**, M.Jakubczyk, P.Siemion,

Structural Changes of Annealed $Fe_{78}Si_9Bi_{13}$ Metallic Glass. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

56. **J. Janczak**, **R. Kubiak**,

Pyrazine Control of the Solid-State Supramolecular Chemistry of Zn(II)Pc. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

57. M.Jasiorski, A.Leszkiewicz, S.Brzeziński, G.Bugla-Płoskońska, G.Malinowska, B.Borak, I.Karbownik, A.Baszczuk, **W. Stręk**, W.Doroszkiewicz,

Textile with Silver Silica Spheres: Its Antimicrobial Activity Against *Escherichia coli* and *Staphylococcus aureus*. (P)

5th Int.Conf.on Sol–Gel Materials, Trzebieszowice, PL, 2008.06 01–05

58. H.S.Jeevan, J.Arndt, T.Nakanishi, O.Stockert, M.Deppe, **T. Cichorek**, P.Gegenwart, F.Steglich, C.Geibel,

Coexistence of Magnetism and Superconductivity in Ge-Doped $CeCu_2Si_2$? (P)

Int.Conf.on Strongly Correlated Electron Systems (SCES-13) Búzios, RJ, BR, 2008.08 17–22

59. H.Jelínková, J.Šulc, **W. Ryba-Romanowski**, T.Łukasiewicz,

Diode Pumped Er : YVO_4 Microchip Laser. (P)

**, Solid State Lasers and Amplifiers III,* Strasbourg, FR, 2008.04 08–10

60. A.Jezierski, **T. Cichorek**,

Electronic and Magnetic Properties $La_{1-x}Pr_xPb_3$ Alloys. (P)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

61. A.Jezierski, **D. Kaczorowski**,

Electronic Structure of $ThPt_4Ge_{12}$. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

62. W.Jungowska-Hornowska, **L. Macalik**, **R. Lisiecki**, P.Godlewska, A.Matraszek, I.Szczygieł, **J. Hanuza**,

Visible Emission and Vibrational Spectra of the Submicro Crystals of Lanthanium *Ortho*- and *Meta* phosphates Co-doped with Er^{3+} and Yb^{3+}. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

63. **D. Kaczorowski**,

Heavy-Fermion Properties of a Novel Compound Ce_2PdIn_8 . (L)

Gener.Worksh.of the COST P16 – ECOM Action: New materials, new techniques and new ideas in Strongly Correlated Electron Systems, Santander, ES, 2008.07 16–19

64. **D. Kaczorowski**,

Strong Electronic Correlations in Ce–Rh–Si Ternaries. (I)

16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

65. **D. Kaczorowski**, B.Belan, Ya.Kalychak, L.Sojka,

Magnetic Behavior in Novel R_2PdIn_8 (R = Ce, Pr, Nd, and Sm) Compounds. (P)

16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

66. **D. Kaczorowski**, K.Gofryk, A.Leithe-Jasper, Yu.Grin,

Rare-Earth-Based Half-Heusler Compounds as Prospective Materials for Thermoelectric Applications. (L)

NATO ARW Worksh.on Correlated Thermoelectrics: Properties and Application of Thermoelectric Materials, Hvar, HR, 2008.09 20–26

67. **D. Kaczorowski**, **A.P. Pikul**,

On the Search for Quantum Criticality in a Ferromagnetic System UNi1 − xCoxSi2 . (I)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

68. **D. Kaczorowski**, **A.Pikul**, B.Belan, L.Sojka, Ya.Kalychak,

Non-Fermi Liquid Behavior in Polycrystalline Ce_2PdIn_8 . (P)

Int.Conf.on Strongly Correlated Electron Systems (SCES-13) Búzios, RJ, BR, 2008.08 17–22

69. **D. Kaczorowski**, **M. Szlawska**, **A.P. Pikul**, **Z. Gajek**, **D. Gnida**, L.D. Gulay, **T. Komatsubara**, A.Ślebarski, A.Szajek,

Strong Electronic Correlations in Ce–Rh–Si Ternaries. (L)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

70. **D. Kaczorowski**, A.Szytuła, **A.Pikul**, M.Bałanda, B.Penc,

Magnetic and Electrical Transport, Properties of the Compounds, PrT_2Ge_2 , where T = Ni, Ru, Rh, Pd, and Ag. (P)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

71. J.Karpinski, N.D.Zhigadlo, S.Katrych, B.Batlogg, M.Tortello, **K. Rogacki**, R.Puźniak,

Li Hole Doping, Li/C and Li/Al Hole/Electron Co-Doping in MgB_2 Single Crystals. (L)

7th Swiss Worksh.on Materials with Novel Electronic Properties (MaNEP) Geneva, CH, 2008.03 26–26

72. R.Khasanov, **P.W. Klamut**, A.Shengelaya, Z.Bukowski, I.M.Savic, C.Baines, H.Keller,

Muon-Spin Rotation Measurements of the Penetration Depth of the Mo_3Sb_7 Superconductor. (P)

Int.Conf.on Muon Spin Rotation, Relaxation and Resonance (MuSR 2008) Tsukuba, JP, 2008.07 21–25

73. Е.П.Хлыбов, Г.С.Бурханов, В.М.Дмитриев, **A.Zaleski**, И.Е.Костылева, С.А.Лаченков, А.В.Терехов,

Магнитные фазовые перевращения и сверхпроводимость в системе $Dy_{1-x}Y_xRh_4B_4$.[Magnetic Phase Transitions and Superconductivity in $Dy_{1-x}Y_xRh_4B_4$ System.] (?)

Int.Conf.on Functional Nanomaterials and High-Purity Substances, Suzdal, RU, 2008.09 29 –.10 03

74. Е.П.Хлыбов, **A.Zaleski**, К.С.Перваков, А.В.Садаков, О.Е.Омельяновский, К.В.Мицен, В.М.Пудалов, И.Е.Костылева, С.А.Лаченков, Ф.В.Терехов,

Особенности второго критического поля сверхпроводников состава $EuFeAsO_{1-x}F_x$. [Peculiarities of the Second Critical Field of the Superconductors from $EuFeAsO_{1-x}F_x$ System.] (?)

Третья межд.конф.по фундаментальным проблемам высокотемпературной сверхпроводимости, ФПС '08 [3rd Int.Conf.on Fundamental Problems of High-Temperature Superconductivity] Zwienigorod, RU, 2008.10 13–16

75. **V. Kinzhybalo**, **J. Janczak**,

Synthesis, Structural Investigation and Thermal Stability of 2-Aminoethanolo-κO Magnesium(II) Phthalocyanine 2-Aminoethanol Solvate. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

76. **V. Kinzhybalo**, **J. Janczak**,

Aqua Magnesium Phthalocyanine Complexes with Diethylamine, Methoxyethyloamine, *n*-Propylamine and 3-Chloropyridine. (P)

5th Int.Conf.on Porphyrins and Phthalocyanines, Moscow, RU, 2008.07 06–11

77. **P.W. Klamut**, D.Eshchenko, R.Khasanov, A.Shengelaya, I.Savic, D.DiCastro, G.Cao, Ch.Niedermayer, J.I.Budnick, H.Keller,

Muon-Spin-Rotation-Measured Internal Field in the Magnetic Ordered State of $SrRuO_3$. (P)

Int.Conf.on Muon Spin Rotation, Relaxation and Resonance (MuSR 2008) Tsukuba, JP, 2008.07 21–25

78. **Z. Kletowski**,

Kondo Effect Behavior in Electrical Properties of $TmIn_3$. (C)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

79. M.Klimczak, E.Talik, **V.H. Tran**,

Influence of Yttrium Substitution on the Electronic Structure and Magnetic Moment of $Gd_{7-x}Y_xPd_3$ ($x = 0, 1, 2, 3, 4$). (P)

Eur.Conf. Physics of Magnetism 2008, Poznań, PL, 2008.06 24–27

80. **T. Kopeć**,

Mott-Insulator–Superfluid Transition within Quantum Rotor Formalism for the Bose–Hubbard Model. (P)

Int.Semin. & Worksh.on Unconventional Phases and Phase Transitions in Strongly Correlated Electron Systems, Dresden, DE, 2008.06 04–07

81. **T.K. Kopeć**, **V.A.Apinyan**,

Magnetically Driven Superconducting Pairing Interaction. (C)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

82. И.Е.Костылева, Е.П.Хлыбов, **A.Zaleski**, В.М.Пудалов, К.С.Перваков, О.Е.Омельяновский, С.А.Лаченков, А.В.Терехов, А.В.Садаков,

Второе критическое поле в сверхпроводнике из семейства сверхпроводящих пниктидов, $EuAsFeO_{0.85}F_{0.15}$.[Second Critical Field in a Superconductor of Superconducting Pnictides Family, $EuAsFeO_{0.85}F_{0.15}$.] (?)

Int.Conf.on Functional Nanomaterials and High-Purity Substances, Suzdal, RU, 2008.09 29 –.10 03

83. A.I.Krivchikov, **P. Stachowiak**, **E. Pisarska**, **A.Jeżowski**,

The Isotopic Effect in the Thermal Conductivity of Solid $(CH_4)_{1-c}$–$(CD_4)_c$ Solutions. (C)

7th Int.Conf.on Cryocrystals and Quantum Crystals (CC 2008) Wrocław, PL, 2008.07 31 –.08 05

84. **R. Kubiak**, **J. Janczak**, M. Śledź, **E. Bukowska**,

Structural Effect of the Competition of 4-Picoline and Water Molecules to Form Complexes with Be, Mg, and Zn Phthalocyanines. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

85. E.Kucharska, W.Sąsiadek, H.Ban-Oganowska, **M. Mączka**, **J. Hanuza**,

Synthesis, Molecular Structure, IR and Raman Spectra as Well as DFT Quantum Chemical Calculations for *N*-Thiocyanoacetylpiperidine and Its Methyl Derivatives. (P)

29th Europ.Congr.on Molecular Spectroscopy (EUCMOS 2008) Opatija, HR, 2008.08 31 –.09 05

86. A.G.Kuchin, **W. Iwasieczko**, **H. Drulis**,

Magnetic and Structural Properties of the $Lu_2Fe_{17}H_y$ Hydrides. (P)

16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

87. M.Legawiec-Jarzyna, W.Juszczyk, Z.Kaszkur, **L. Kępiński**, Z.Kowalczyk, Z.Karpiński,

Hydro-Dechlorination of CCl_4 on Pt–Au/Al_2O_3 Catalysts. (P)

XL Og.-pol.Kol. Katalityczne [40th Ann. Polish Conf.on Catalysis] Cracow, PL, 2008.05 11–15

88. K. Lemański, **P.J. Dereń**, **W. Stręk**,

Spectroscopic Investigations of Cs_2RbScF_6 Elpasolite Doped with Cr and Nd Ions. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

89. **R. Lemański**, M.Maśka, J.K.Freericks, C.J.Williams,

Mieszaniny ultrachłodnych atomów w sieciach optycznych. [Mixtures of Ultra-Cool Atoms in Optical Networks.] (L)

XIII Minisympozjum Fizyki Statystycznej [13th Mini-symp.on Statistical Physics] Wrocław, PL, 2008.06 20–20

90. S.Leoni, **M. Paściak**,

Simulation of the Para- to Ferroelectric Phase Transition in $BaTiO_3$: The Role of Domains. (C)

21st Congr.& Gen.Assy of the International Union of Crystallography, Osaka, JP, 2008.08 23–31

91. L.Lipińska, **W. Ryba-Romanowski**, A.Rzepka, **R. Lisiecki**, A.Pajączkowska,

Synthesis and Characterization of Nd–, Er–, Eu–Gadolinium Gallium Garnet (GGG) Nanopowders Obtained by Sol–Gel Method. (P)

15th Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter (ICL '08) Lyon, FR, 2008.07 07–11

92. **L. Lipiński**, **A.Szmyrka-Grzebyk**,

Proposals for a New Definition of the Kelvin. (P)

II Konf.: Metrologia Kwantowa 2008 [2nd Polish Conf.on Quantum Metrology] Poznań, PL, 2008.05 ??–??

93. **R. Lisiecki**, **G. Dominiak-Dzik**, **W. Ryba-Romanowski**, T.Łukasiewicz, J.Šulc, P.Černý, H.Jelínková, Y.Urata, M.Higuchi,

Sources of Heat Generation in Thulium Laser Employing Tm : YVO_4 , Tm : $GdVO_4$, and Tm : $LuVO_4$ Crystals. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

94. J.Lorenc, I.Bryndal, W.Syska, M.Wandas, **K. Hermanowicz**, **M. Marchewka**, **M. Mączka**, T.Lis, **J. Hanuza**,

Structure and Vibrational Properties of a Novel Hybrid Material: 2-Amino-4-Methyl-3-Nitropyridinium Trifluoroacetate. (P)

21st Int.Conf.on Raman *Spectroscopy (ICORS 2008)* Uxbridge, West London, UK, 2008.08 17–22

95. J.Lorenc, B.Palasek, **J. Hanuza**, **M. Mączka**, **A.Waśkowska**,

Rotational Disorder in 2-Piperydyl-5-Nitro-6-Methylpyridine: Structural Phase Transition and Its Vibrational Characteristics. (P)

29th Europ.Congr.on Molecular Spectroscopy (EUCMOS 2008) Opatija, HR, 2008.08 31 –.09 05

96. **L. Macalik**, **M. Mączka**, **J. Hanuza**, A.A.Kaminskii,

Polarized Raman and IR Spectra of Orthorhombic $CaNb_2O_6 : Pr^{3+}$ Single Crystal. (P)

29th Europ.Congr.on Molecular Spectroscopy (EUCMOS 2008) Opatija, HR, 2008.08 31 –.09 05

97. **L. Macalik**, **P.E. Tomaszewski**, **R. Lisiecki**, **M. Zawadzki**, **J. Hanuza**,

Synthesis and Characterisation of the $NaRE(WO_4)_2 : Cr^{3+}$ (RE = La, Eu, Gd) Nanocrystalline Systems. (P)

15th Int.Conf.on Luminescence and Optical Spectroscopy on Condensed Matter (ICL '08) Lyon, FR, 2008.07 07–11

98. E.Maciążek, T.Groń, H.Duda, **A.Waśkowska**, I.Jendrzejewska, E.Malicka, E.Augustyn, S.Mazur,

Influence of Cation Substitution on Electrical Conductivity of the n-Type $Cu_xIn_yCr_zSe_4$ Spinels.

16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

99. **M. Mączka**, **A.Pietraszko**, W.Paraguassu, A.G.Souza Filho, P.T.C.Freire, J.Mendes Filho, **J. Hanuza**,

High-Pressure Raman Scattering Studies of a Novel Layered Molybdate – $K_3Fe(MoO_4)_2(Mo_2O_7)$. (P)

21st Int.Conf.on Raman *Spectroscopy (ICORS 2008)* Uxbridge, West London, UK, 2008.08 17–22

100. T.Maksimova, **K. Hermanowicz**, **M. Mączka**, **J. Hanuza**,

NIR-Luminescence and Optical Absorption of Proper Ferroelastic $K_3Na(CrO_4)_2$ Doped with MnO_4^{2-} Ions: Jahn–Teller Effect. (P)

11th Int.Conf. Dielectrics–2008, St Petersburg, RU, 2008.07 03–07

101. **M.A.Małecka**, **L.Kępiński**,

Structure Transformations of Nano-Sized $Ce_{1-x}Lu_xO_{2-y}$ ($0 < x < 1$) Oxides at High Temperatures. (P)

13th Int.Conf.on Electron Microscopy (EM 2008) Cracow & Zakopane, PL, 2008.06 08–11

102. **M. Małecka**, **L.Kępiński**,

Microstructural Characterization of Lanthanide-Doped Ceria Studies by XRD and TEM. (C)

11th European Powder Diffraction Conf., Warsaw, PL, 2008.09 19–22

103. **M.A.Małecka**, **L.Kępiński**,

Influence of Heating Atmosphere on Structure Stability and Crystal Growth of Nanocrystalline $Ce_{1-x}Hb_xO_{2-y}$ ($0 < x < 1$). (P)

XL Og.-pol.Kol. Katalityczne [40th Ann. Polish Conf.on Catalysis] Cracow, PL, 2008.05 11–15

104. **M.A.Małecka**, **L.Kępiński**, **W. Miśta**,

Influence of Heating Atmosphere on Crystal Growth, Structure Stability and Reducibility of Nanocrystalline $Ce_{1-x}Lu_xO_{2-y}$ ($0 < x < 1$). (P)

14th Int.Congr.on Catalysis (COEX) Seoul, KR, 2008.07 13-18

105. **M.A.Małecka**, **L.Kępiński**, M.Ruszel, B.Grzybowska-Świerkosz,

Microstructural Characterization of Nanocrystalline Gold Supported on $CoCr_2O_4$. (C)

13th Int.Conf.on Electron Microscopy (EM 2008) Cracow & Zakopane, PL, 2008.06 08–11

106. E.Malicka, **A.Waśkowska**, **D. Kaczorowski**,

Structural, Magnetic and Electronic Transport Properties in Single Crystals of $Cd_xSb_yCr_zSe_4$. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

107. M.B.Maple, R.E.Baumbach, J.J.Hamlin, P.C.Ho, L.Shu, D.E.MacLaughlin, **Z. Henkie**, **R. Wawryk**, **T. Cichorek**, **A.Pietraszko**,

Strongly Correlated Electron Phenomena in the Filled Skutterudites. (C)

NATO Adv.Res.Worksh.on Properties and Applications of Thermoelectric Materials, Hvar, HR, 2008.09 20–26

108. A.Matraszek, I.Szczygieł, **L.Macalik**, **J. Hanuza**,

Mechanochemical Synthesis of Cerium Orthophosphate. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

109. A.M.Maubert Franco, J.Krasoń, **J. Hanuza**, **K. Hermanowicz**, W.Mielcarek, A.Jankowska, A.Miecznikowski,

Structure of Natural Mordenite and Erionite Zeolites, and Their Applications in Environment Protection. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

110. A.Mech, M.Karbowiak, **Z. Gajek**, C.Rudowicz,

Crystal-Field Energy Levels Analysis for Nd^{3+} Ions at Low Symmetry C_1 Site. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

111. **W. Miiller**, **V.H. Tran**, N.Oeschler, F.Steglich,

Hall Effect in a Non-Fermi Liquid Alloy $URh_{0.62}Ru_{0.38}Ge$. (C)

Gener.Worksh.of the COST P16 – ECOM Action: New materials, new techniques and new ideas in Strongly Correlated Electron Systems, Santander, ES, 2008.07 16–19

112. **W. Miiller**, **V.H. Tran**, M.Falkowski, A.Kowalczyk, T.Toliński, A.Szewczyk, M.Gutowska, G.Chełkowska,

Siła termoelektryczna w gęstych układach Kondo: $CeNiAl_4$, $YbNi_4Si$ i CeNi4Si. [Thermo-EDS in Dense Kondo Systems: $CeNiAl_4$, $YbNi_4Si$ and CeNi4Si.] (C)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

113. **W. Miiller**, **V.H. Tran**, N.Oeschler, F.Steglich,

Electronic Properties of URhGe Ferromagnet Probed by Hall Effect and Thermopower Measurements. (C)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

114. W. Miiller, **V.H. Tran**, N.Oeschler, F.Steglich,

Enormous Anisotropy of the Hall Effect and Magnetoresistivity in URhGe Ferromagnet. (C)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

115. **W. Miiller**, **V.H. Tran**, N.Oeschler, W.Wiśniewski, F.Steglich,
Evidences for a Polaronic State in URhGe Ferromagnet. (P)
16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

116. J.A.Morkowski, G.Chełkowska, **R. Troć**, A.Szajek, M.Richter, C.Neise,
Electronic and Magnetic Properties of UCu_2Si_2 Compound. (C)
38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

117. E.Nazarova, **A.J. Zaleski**, A.Zakhariev, K.Buchkov, V.Kovachev,
Implications of Phase Separation in Overdoped Y–Ca–Ba–Cu–O Superconducting System. (?)
15th Int.Sch.on Condensed Matter Physics: Interfaces, Thin Solid Films and Bio-molecular Layers, Varna, BG, 2008.08 21 –.09 05

118. **B. Nowak**, R.Jardin,
^{71}Ga NMR Study in the Paramagnetic State of Heavy-Fermion Compound U_4PdGa_{12}. (P)
38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

119. **K. Oganisian**, **K. Rogacki**, **Cz.Sułkowski**, N.D.Zhigadlo, S.Katrych, J.Karpiński,
Anisotropy of Li-, Al-, and C-Substituted MgB_2 Single Crystals Studied by Thermopower. (P)
XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity]
Ostrów Wielkopolski, PL, 2008.10 13–17

120. **J. Okal**, **L. Kępiński**,
Sintering of Colloidal Ru/γ-Al_2O_3 Catalyst in Hydrogen.
Int.Conf. "Catalysis for Society", Cracow, PL, 2008.05 11–15

121. **J. Okal**, **M. Zawadzki**, **L.Kępiński**, **L.Krajczyk**, **A.Cielecka**,
Thermal Stability of Ruthenium Nanoparticles Supported on γ-Alumina. (P)
XL Og.-pol.Kol. Katalityczne [40th Ann. Polish Conf.on Catalysis] Cracow, PL, 2008.05 11–15

122. N.Orlińska, J.M.Paszula, **A.Zaleski**, Z.Wokulski,
Wpływ obróbki cieplnej na własności nadprzewodzącego pręta MgB_2. [Influence of Thermal Processing on Properties of Superconducting MgB_2 Rod.] (P)
50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

123. A.Pacuła, R.Mokaya, **L.Kępiński**,
Characterization of Highly Porous Carbon Materials Prepared *via* Chemical Vapour Deposition (CVD) Method. (P)
XL Og.-pol.Kol. Katalityczne [40th Ann. Polish Conf.on Catalysis] Cracow, PL, 2008.05 11–15

124. B.Padlyak, R.Vlokh, O.Grabar, Yu.Vysochanskii, I.Dmitruk, **W. Ryba-Romanowski**, **R. Lisiecki**,
Luminescence Properties of $Sn_2P_2Se_6$ Crystals. (P)
2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials, Gdańsk, PL, 2008.07 13–17

125. C.Parks, N.S.Sullivan, **P. Stachowiak**,
Measurements of the Nuclear Spin–Spin Relaxation Times for Commensurate ^{3}He-Ne Films Adsorbed on Hexagonal Boron Nitride. (P)
25th Int.Conf.on Low Temperature Physics (LT-25) Amsterdam, NL, 2008.08 06–14

126. **M. Paściak**, S.Leoni,
Molecular Dynamics Study of Local Structure and Domain Formation in $BaTiO_3$. (C)
18th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Zakopane, PL, 2008.05 18–22

127. **M. Paściak**, **M. Wołcyrz**, **A.Pietraszko**,
Structural Origin of X-ray Diffuse Scattering in TMCC. (C)
50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

128. **M. Paściak**, **M. Wołcyrz**, **A.Pietraszko**, S.Leoni,
Multi-Resolution Atomistic Simulations and Diffuse Scattering in BaTiO3 . (C)
21st Congr.& Gen.Assy of the International Union of Crystallography, Osaka, JP, 2008.08 23–31

129. M.Pasturel, **A.Pikul**, M.Potel, T.Roisnel, O.Tougait, H.Noël, **D. Kaczorowski**,
New Intermetallics $URuSi_3$ and $U_3Ru_2Si_7$: Crystal Structures and Magnetic Properties. (P)
16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

130. M.Pasturel, T.Roisnel, M.Potel, O.Tougait, H.Noël, **A.P. Pikul**, **D. Kaczorowski**,
Transport Properties of Ternary Intermetallic Compounds in the U–Ru–Si System. (P)
6th Eur.Conf.on Thermoelectrics, Paris, FR, 2008.07 02-04

131. M.Pasturel, O.Tougait, M.Potel, T.Roisnel, **K. Wochowski**, H.Noël, **R. Troć**,
Crystal Structure, Magnetic and Electrical Properties of Three New Aluminium-Rich Ternary Compounds $U_3Ru_4Al_{12}$, URu_2Al_{10} , and URu_3Al_{10} . (C)
38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

132. M.Pasturel, T.Roisnel, M.Potel, O.Tougait, H.Noël, **A.P. Pikul**, **D. Kaczorowski**,
Transport Properties of Ternary Intermetallic Compounds in the U–Ru–Si System. (P)
6th Eur.Conf.on Thermoelectrics, Paris, FR, 2008.07 02-04

133. **R. Pązik**, K. Lemański, **R.J. Wiglusz**, **A.Łukowiak**, **W. Stręk**,
Synthesis, Structure and Luminescence Properties of Eu^{3+}, Yb^{3+} : $KGd(WO_4)_2$ Powders. (P)
1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

134. B.Penc, Ł.Gondek, **D. Kaczorowski**, A.Szytuła, A.Winiarski,
Magnetic, Transport and Electronic Properties of $CeAu_{1-x}Ni_xIn$ Intermetallics. (P)
16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

135. T.Piasecki, K.Nitsch, **R. Pązik**, **W. Stręk**,
... [Nanopowder Grain Size Effect on the ac Electric Properties of Eu Doped $BaTiO_3$ Nanoceramic.] (P)
II Kraj.Konf. Nanotechnologii [2nd Polish Conf.on Nanotechnology] (NANO 2008) Cracow, PL, 2008.06 25–28

136. **A.Pietraszko**, I.Szafraniak-Wiza, B.Hilczer, B.Andrzejewski,
Properties of $BiFeO_3$ and $Bi_{0.7}La_{0.3}FeO_3$ Nanopowders Obtained by Mechanosynthesis. (C)
21st Congr.& Gen.Assy of the International Union of Crystallography, Osaka, JP, 2008.08 23–31

137. **A.P. Pikul**, **D. Kaczorowski**,
Multi-Step Magnetic Phase Transition in $CeRh_3Si_2$ Studied by Means of Specific Heat Measurements. (P)
Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

138. **A.Pikul**, **D. Kaczorowski**, M.Pasturel, O.Tougait, H.Noël,
Transport and Thermodynamic Properties of $URuSi_3$ and $U_3Ru_2Si_7$. (P)
16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

139. **E. Pisarska**, **P. Stachowiak**, **A.Jeżowski**,
Observation of Molecular Spin Relaxation in Deuterated Methane with Krypton-Doped Crystals in Thermal Conductivity Experiment. (P)
7th Int.Conf.on Cryocrystals and Quantum Crystals (CC 2008) Wrocław, PL, 2008.07 31 –.08 05

140. W.A.Pisarski, J.Pisarska, **R. Lisiecki**, **G. Dominiak-Dzik**, **W. Ryba-Romanowski**,
Infrared-to-Visible Conversion Luminescence of Er^{3+} Ions in Lead Borate Transparent Glass-Ceramics. (P)
2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials, Gdańsk, PL, 2008.07 13–17

141. **T. Plackowski**,

The Isothermal Magnetocaloric Coefficient. (C)

Int.Conf.on Magnetic Measurements 2008, Budapest, HU, 2008.09 21–24

142. K.Pogorzelec-Glaser, P.Ławniczak, Cz.Pawlaczyk, **A.Pietraszko**,

Struktura krystaliczna oraz przewodnictwo elektryczne w molekularnym związku 1,2,4-triazol – kwas malonowy (1/1). [Crystal Structure and Electrical Conductivity in the Molecular Complex 1,2,4-Triazole – Malonic Acid (1:1).] (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

143. K.Pogorzelec-Glaser, N.Piślewski, J.Tritt-Goc, **A.Pietraszko**,

Crystal Structure and Phase Transitions of the D-Amphetamine Sulphate. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

144. T.P.Polak, **T.K. Kopeć**,

Magnetic Field / Rotation – Two Faces of the Same Phenomenon? (C)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

145. Г.А.Политова, И.С.Терешина, С.А.Никитин, Г.А.Цхададзе, Г.С.Бурханов, О.Д.Чистяков, **W. Iwasieczko**,

Magnetocaloric Effect in $(Tb, Dy, R)Co_2$ (R = Er, Ho) Compounds. (C)

Int.Conf.on Functional Nanomaterials and High-Purity Substances, Suzdal, RU, 2008.09 29 –.10 03

146. G.Próchniak, V.Videnova-Adrabińska, **M. Daszkiewicz**, **A.Pietraszko**,

Struktura krystaliczna kompleksów kwasu 3-sulfobenzoesowego z wybranymi jomami metali. [Crystal Structure of the Complexes of 3-Sulfobenzoic Acid with Selected Metal Ions.] (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

147. G.Próchniak, V.Videnova-Adrabińska, J.Zoń, **M. Daszkiewicz**, **A.Pietraszko**,

Struktura krystaliczna i sieci wiązań wodorowych fosfonopochodnych kwasu benzoesowego. [Crystal Structure and the Net of Hydrogen Bonds of Phosphone-Derivatives of Benzoic Acid.] (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

148. **P. Psuja**, **D. Hreniak**, **W. Stręk**,

Fabrication and Luminescent Properties of ITO Nanocrystalline Coated Micro $Eu : Y_2O_3$ Particles. (P)

SPIE Photonics Europe, Nanophotonics II, Strasbourg, FR, 2008.04 07–09

149. **P. Psuja**, **D. Hreniak**, **W. Stręk**,

Selected Nanomaterials for Field Emission Display Applications. (C)

Int. Students & Young Scientists Worksh. on Photonics and Microsystems, Szklarska Poręba, PL, 2008.06 20–23

150. **P. Psuja**, **D. Hreniak**, **W. Stręk**,

Zbadanie wpływu stężenia cyny i temperatury wygrzewania na optyczne i elektryczne właściwości nanokrystalitów ITO. [...] (P)

II Kraj.Konf. Nanotechnologii [2nd Polish Conf.on Nanotechnics] Cracow, PL, 2008.06 25–28

151. **P. Psuja**, **D. Hreniak**, **W. Stręk**,

Wytwarzanie i właściwości luminescencyjne mikroziaren tlenku itru domieszkowanego jonami europu pokrytych nanokrystaliczną warstwą ITO. [...] (P)

II Kraj.Konf. Nanotechnologii [2nd Polish Conf.on Nanotechnics] Cracow, PL, 2008.06 25–28

152. **P. Psuja**, **D. Hreniak**, **W. Stręk**,

Fabrication and Characterization of Ce : YAG Nanocrystalline Phosphor Layer. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

153. **P. Psuja**, **D. Hreniak**, **W. Stręk**,

The Cathodoluminescent Properties of Tb^{3+}-Doped Yttria Nanocrystallities. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

154. **P. Psuja**, **D. Hreniak**, **W. Stręk**,

The Influence of Sintering Temperature and Eu^{3+} Concentration on Luminescent Properties of Eu^{3+} : SnO_2 Nanoparticles. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

155. **P. Psuja**, **D. Hreniak**, **W. Stręk**, Ł.Marciniak,

The Concept of Transparent Ce : YAG Layer for White Light Emitting Diodes. (C)

Int. Students & Young Scientists Worksh. on Photonics and Microsystems, Szklarska Poręba, PL, 2008.06 20–22

156. **P. Psuja**, **D. Hreniak**, **W. Stręk**, M. Pietrzak,

Fabrication, Luminescent Properties and Possible Photonics Application of Eu : Y_2O_3 Nanoparticles. (C)

Int. Students & Young Scientists Worksh. on Photonics and Microsystems, Szklarska Poręba, PL, 2008.06 20–23

157. G.Puchkovska, T.Bezrodna, V.Melnik, **J. Baran**, **M. Drozd**,

Spectroscopic Investigations of the Structural Re-alignments in 5CB Liquid Crystal at Low Temperatures. (P)

4th Int.Conf.on Physics of Liquid Matter: Modern Problems (PLM-MP) Kiev, UA, 2008.05 23–26

158. M.Puszyńska-Tuszkanow, **M. Daszkiewicz**, M.Cieślak-Golonka,

Struktura i badania spektroskopowe produktu stałego otrzymanego z układu [Cu(II)–alantoina–DMSO]. [Structure and Spectroscopic Investigation of a Solid Product Obtained from [Cu(II)–Alantoine–DMSO] System.] (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

159. R.Puźniak, **K. Rogacki**, A.Wiśniewski, J.Karpiński,

Wpływ podstawień chemicznych i defektów radiacyjnych na samoistne i niesamoistne parametry stanu nadprzewodzącego MgB_2 . [Influence of Chemical Substitutions and Radiation Defects on Self-Sustained and Non-Self-Sustained Parameters of MgB_2 in Superconducting State.] (L)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

160. M.Rams, A.Zarzycki, **A.Pikul**, **D. Kaczorowski**, K.Tomala,

Magnetic Properties of Rare-Earth Sublattice in Ru Pyrochlores. (P)

Int.Conf.on Highly Frustrated Magnetism, Braunschweig, DE, 2008.09 07–12

161. M.Rams, A.Zarzycki, **A.Pikul**, K.Tomala,

Własności magnetyczne sfrustrowanych pyrochlorów $R_2Ru_2O_7$. [Magnetic Properties of Frustrated Pyrochlores $R_2Ru_2O_7$.] (C)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

162. **K. Rogacki**,

Critical Currents and Peak Effect in Sm(Nd)FeAs(O,F) Single Crystals. (C)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

163. **K. Rogacki**, **J. Mucha**, **A.Jeżowski**, R.Puźniak, A.Wiśniewski,

Thermal Conductivity and Irreversible Vortex Dynamics of the Melt-Textured Y123/Y211 Composites. (P)

25th Int.Conf.on Low Temperature Physics (LT-25) Amsterdam, NL, 2008.08 06–13

164. **W. Ryba-Romanowski**,

Energy Transfer Processes in Laser Crystals. (I)

17th Int. Laser Physics Worksh. Trondheim, NO, 2008.06 30 –.07 04

165. **W. Ryba-Romanowski**, **M. Gusowski**,

Inter- and Intra-configurational Transitions of Rare Earth Ions in K3YF6 Host. (I)

2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials, Gdańsk, PL, 2008.07 13–17

166. **W. Ryba-Romanowski**, **R. Lisiecki**, A.Rzepka, L.Lipińska, A.Pajączkowska,

Luminescence and Excitation Energy Transfer in Rare Earth-Doped $Y_4Al_2O_9$ Nanocrystals. (P)

15th Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter (ICL '08) Lyon, FR, 2008.07 07–11

167. A.Rzepka, **W. Ryba-Romanowski**, L.Lipińska, **R. Lisiecki**, A.Pajączkowska,

Influence of Neodymium Concentration on Optical and Structural Properties of $Gd_3Ga_5O_{12}$ Nanocrystals Obtained by Sol–Gel Method. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

168. **M.Samsel-Czekała**,

Electronic Structure and Its Influence on the Magnetic Properties of Uranium Ternaries UT*M*. (C)

DPG Spring Meeting, Berlin, DE, 2008.02 25–29

169. **M. Samsel-Czekała**,

Electronic and Magnetic Structure FPLO Studies of U_2N_2(P, As, S, Se) and U_2N_2(Sb, Bi, Te) Compounds Having the Highest Néel and Curie Temperatures Among Uranium Systems. (L)

FPLO Worksh.: DFT Meets Experiment Dresden, DE, 2008.08 24–28

170. **M. Samsel-Czekała**, S.Elgazzar, P.M.Oppeneer, E.Talik,

Struktura elektronowa nowo odkrytego nadprzewodnika UCoGe. [Electron Structure of a Newly-Discovered Superconductor UCoGe.] (C)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

171. **M. Samsel-Czekała**, E.Talik, **R. Troć**,

Electronic Structure of Magnetic-Fluctuation Systems URu*M* (M = Al, Ga) by *ab-initio* Calculations and XPS Experiment. (C)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

172. **M. Samsel-Czekała**, **R. Troć**, E.Talik, S.Elgazzar, P.M.Oppeneer,

Electronic Band Structure, XPS and Bulk Physical Properties of UCoGe. (C)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

173. A.V.Semchenko, V.V.Sidsky, V.E.Gaishun, D.L.Kovalenko, **W. Stręk**,

Synthesis of *RE*-Ag, Al-*RE*-Doped Sol–Gel Glass and Films for Solar Cells. (C)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

174. S.Ślebarski, J.Goraus, W.Głogowski, M.Gamża, J.Spałek, **D. Kaczorowski**,

Związki międzymetaliczne ceru z silnie skorelowanymi elektronami; wpływ liczby elektronów swobodnych i efektu hybrydyzacji na stan podstawowy tych układów. [Intermetallic Cerium Compounds with Strongly Correlated Electrons: Influence of Free Electrons Number and Hybridization Effect on Their Ground State.] (L)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

175. **P. Solarz**, M.Sobczyk, **W. Ryba-Romanowski**,

Luminescence Properties of Sm^{3+} in $KZnLa(PO_4)_2$. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

176. **W. Staszak**, **M. Zawadzki**,

Synteza solwotermalna i charakterystyka nanorozmiarowych mieszanych tlenków cynku i glinu o strukturze spinelu jako nośników katalizatorów platynowych. [Solvothermal Synthesis and Characteristics of Nanosized Mixed Zinc and Aluminium Oxides of Spinel Structure as Platinum Catalyst Supports.] (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

177. **W. Staszak**, **M. Zawadzki**,

Solvothermal Approach for Low Temperature Synthesis of Catalytic Nanomaterials. (C)

[Int.Conf.on] Catalysis for Environment: De-pollution, Renewable Energy and Clean Fuels, Zakopane, PL, 2008.09 09–13

178. **W. Staszak**, **M. Zawadzki**,

Synthesis and Physical Characterization of $ZnAl_2O_4$ *via* Solvothermal Route. (P)

6th Int.Conf.on Catalysis and Adsorption in Fuel Processing and Environmental Protection, Szklarska Poręba, PL, 2008.09 17–20

179. **W. Staszak**, **M. Zawadzki**,

Structure, Texture and Catalytic Properties of Al, Zn–Mixed Oxide System Prepared by Different Methods. (P)

6th Int.Conf.on Catalysis and Adsorption in Fuel Processing and Environmental Protection, Szklarska Poręba, PL, 2008.09 17–20

180. **W. Staszak**, **M. Zawadzki**, **J. Okal**,

Microwave-Assisted Glycothermal Synthesis of Nanocrystalline $ZnAl_2O_4$. (P)

XL Og.-pol.Kol. Katalityczne [40th Ann. Polish Conf.on Catalysis] Cracow, PL, 2008.05 11–15

181. A.Stoyanova-Ivanova, A.Staneva, S.Terzieva, J.Shoumarova, K.Grigorov, **A.J. Zaleski**, V.Mikli, C.Ch.Angelov, Y.Dimitriev,

BSCCO Ceramics Doped with Ferromagnetic Manganite Phases. (?)

15th Int.Sch.on Condensed Matter Physics: Interfaces, Thin Solid Films and Bio-molecular Layers, Varna, BG, 2008.08 21 –.09 05

182. **W. Stręk**,

Optical, Electrical and Thermal Properties of RE-Doped YAG Nanoceramics. (I)

Materials Research Society 2008 Spring Meet., San Francisco, CA, US, 2008.03 24–28

183. **W. Stręk**,

Synteza, morfologia i własności fizyko-chemiczne perovskitów o nanostrukturze $Ln_{1-x}Sr_xMnO_{3-\delta}$. [Synthesis, Morphology, and Physical and Chemical Properties of Perovskites with $Ln_{1-x}Sr_xMnO_{3-\delta}$ Nanostructure.] (I)

II Kraj.Konf. Nanotechnologii [2nd Polish Conf.on Nanotechnics] Cracow, PL, 2008.06 25–28

184. **W. Stręk**,

Transparent Ceramics for Optics. (L)

15th Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter (ICL '08) Lyon, FR, 2008.07 07–11

185. **W. Stręk**,

Optical Properties of Cr(III) in Nanocrystals and Nanoceramics. (I)

2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials (IWASOM '08) Gdańsk, PL, 2008.07 13–17

186. **W. Stręk**, **R. Pązik**, **D. Hreniak**, **D. Kaczorowski**, M.Lastusaari, J.Hölsä, M.Bettinelli, A.Speghini, F.Piccinelli, W.Łojkowski,

Synthesis, Structure and Properties of $BaTiO_3$ Nanoceramics. (P)

2nd Int.Conf.on Ceramics, Verona, IT, 2008.06 29 –.07 04

187. J.Šulc, P.Černý, H.Jelínková, **W. Ryba-Romanowski**, **R. Lisiecki**, **P. Solarz**, **G. Dominiak-Dzik**, Y.Urata, M.Higuchi,

Tm-Doped Vanadates under Pulsed Pumping with Variable Duty-Cycle: Impact on Lasing and Fluorescence. (P)

**, Solid State Lasers and Amplifiers III,* Strasbourg, FR, 2008.04 08–10

188. J.Šulc, P.Koranda, P.Černý, H.Jelínková, Y.Urata, M.Higuchi, **W. Ryba-Romanowski**, **R. Lisiecki**, **P. Solarz**, **G. Dominiak-Dzik**, M.Sobczyk,

Tunable Lasers Based on Diode Pumped Tm-Doped Vanadates $Tm : YVO_4$, $Tm : GdVO_4$, and $Tm : LuVO_4$. (P)

Photonics West (LASE-2008) Solid State Lasers XVII: Technology and Devices, San Jose, CA, US, 2008.01 21–24

189. V.Sumarokov, **A.Jeżowski**, **P. Stachowiak**,

The Influence of the Disordered Dipole Subsystem on the Thermal Conductivity of the CO Solid at Low Temperatures. (P)

7th Int.Conf.on Cryocrystals and Quantum Crystals (CC 2008) Wrocław, PL, 2008.07 31 –.08 05

190. **W. Suski**, **K. Wochowski**,

Magnetic Properties of $UCuT_xAl_{11-x}$, where T = Mn, Fe. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

191. **W. Suski**, **K. Wochowski**,

Magnetic Properties of $UCuT_xAl_{11-x}$, where T = Mn, Fe. (P)

16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

192. **M. Suszyńska**, **M. Mączka**, **E. Bukowska**, K.J.Berg,

Structure and IRR-Spectra of Copper-Doped Soda–Lime Silica Glass. (P)

Int.Conf.on Defects in Insulating Materials (ICDIM 2008) Aracajú, SE, BR, 2008.08 24–29

193. I.Szafraniak-Wiza, **A.Pietraszko**, **W. Walerczyk**,

X-ray Studies of $PbTiO_3$ Nanopowder Produced by Mechanical Synthesis. (P)

NanoMetro Training & Workshop, Lisine, CH, 2008.01 29–31

194. A.Szajek, J.Jezierski, J.A.Morkowski, M.Werwiński, **D. Kaczorowski**, **R. Troć**, **W. Miiller**, G.Chełkowska, E.Talik,

Investigation of Electronic Structure and Magnetic Properties of Transition and 4(5)f Electron Intermetallics by *ab-initio* Methods and X-ray Photoemission Spectroscopy. (L)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

195. A.Szajek, J.A.Morkowski, E.Talik, **R. Troć**,

Electronic Structure of $UNi_{0.5}Sb_2$ by *ab-initio* Calculations and XPS Measurements. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

196. **M. Szlawska**, K.Gofryk, **D. Kaczorowski**, J.-Ch.Griveau, R.Jardin, E.Colineau, J.Rebizant, R.Caciuffo,

Magnetic, Transport and Thermal Properties of $NpNi_2Sn$. (C)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

197. **M. Szlawska**, L.Gulay, A.Ślebarski, **D. Kaczorowski**,

Possible Heavy-Fermion Behavior in Single-Crystalline Ce_2CoSi_3 (P)

16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

198. **M. Szlawska**, **D. Kaczorowski**, **T. Plackowski**,

Thermoelectric Power of Ce_2RhSi_3 . (P)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

199. **M. Szlawska**, **D. Kaczorowski**, A.Ślebarski,

Własności elektronowe związków R_2CoSi_3 (R = Ce, U). [Electron Properties of R_2CoSi_3 (R = Ce, U) Compounds.] (C)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

200. **A.Szmyrka-Grzebyk**, **A.Kowal**,

Cryocrystal Phase Transitions Applied as Temperature Standards. (P)

7th Int.Conf.on Cryocrystals and Quantum Crystals (CC 2008) Wrocław, PL, 2008.07 31 –.08 05

201. **A.Szmyrka-Grzebyk**, **A.Kowal**, **L.Lipiński**,

Ocena odtwarzalności temperatury punktu potrójnego wody. [Estimation of Reproducibility of Water Triple Point Temperature.] (C)

XX Zjazd Termodynamików [20th Congr.of Thermodynamics Scientists] Wrocław, PL, 2008.09 ??–??

202. **A.Szmyrka-Grzebyk**, **L.Lipiński**, **A.Kowal**,

Propozycja Zmiany Definicji Jednostki Temperatury. [Proposals for a Change of Definition of the Temperature Unit.] (C)

XX Zjazd Termodynamików [20th Congr.of Thermodynamics Scientists] Wrocław, PL, 2008.09 ??–??

203. **A.Szmyrka-Grzebyk**, **L.Lipiński**, **A.Kowal**, **H. Manuszkiewicz**,

Międzynarodowe porównania wzorców temperatury dla zakresu niskich temperatur. [International Comparison of the Temperature Standards for the Low Temperatures Range.] (C)

Podstawowe Problemy Metrologii (PPM–2008) [Polish Conf.on Fundamental Problems of Metrology] Sucha Beskidzka, PL, 2008.05 ??–??

204. **J. Sznajd**,

Spontaniczne łamanie symetrii od wczesnego Wszechświata do nadciekłego ^{3}He. [Spontaneous Symmetry Breaking from Early Universe to Superfluid Helium ^{3}He.] (I)

Konf.nt. 100-lecia Skroplenia Helu [Conf.on 100th Anniversary of Helium Liquefaction] Odolanów, PL, 2008.07 10–10

205. **J. Sznajd**,

Renormalization of Coupled Magnetic Chains in a Field. (I)

SFB Semin.on Strongly Correlated Electron Systems, Bad Schandau, DE, 2008.09 01–03

206. M.B.Tchoula Tchokonté, P. de V.du Plessis, **D. Kaczorowski**,

Intermediate Valence to Kondo behavior in $Ce(Pt_{1-x}Ir_x)Si_2$ ($0 \leq x \leq 1$). (P)

Int.Conf.on Strongly Correlated Electron Systems (SCES-13) Búzios, RJ, BR, 2008.08 17–22

207. E.A.Tereshina, A.V.Andreev, **H. Drulis**, S.Danis,

Magnetic Properties of Zr-Doped Lu_2Fe_{17} Single Crystal and Its Hydride. (P)

IEEE Int. Magnetics Conf. (INTERMAG 2008) Madrid, ES, 2008.05 04–08

208. E.A.Tereshina, A.V.Andreev, I.S.Tereshina, **H. Drulis**,

Influence of Hydrogenation on Magnetic Characteristics of $Lu_2(Fe, M)_{17}$ (M = Fe, Cr, Ni, and Si) Compounds. (P)

17th Int.Conf. on Metallurgy and Materials (Metal-2008) Hradec-nad-Moravici, CZ, 2008.05 13–15

209. I.S.Tereshina, G.S.Burkhanov, S.Dobatkin, O.D.Chistyakov, E.A.Tereshina, **H. Drulis**,

Magnetic Parameters of $R_2Fe_{14}B$ Compounds with Nanograin Structure. (P)

4th Int.Conf.on Nanomaterials by Severe Plastic Deformation, Goslar, DE, 2008.085 18–22

210. И.С.Терешина, Д.А.Гнездилов, Н.В.Кудреватых, T.Palewski, T.Mydlarz, **H. Drulis**, L.Wołczek,

Influence of Hydrogenation on Magnetic Properties of $Y_2(Fe_{1-x}Co_x)_{14}B$ Compounds. (C)

Int.Conf.on Functional Nanomaterials and High-Purity Substances, Suzdal, RU, 2008.09 29 –.10 03

211. H.Teterycz, E.Günister, Ö.I.Ece, G.Halek, **R. Klimkiewicz**,

Wpływ temperatury na mikrostrukturę sepiolitu. [The Influence of Temperature on a Microstructure of Sepiolite.] (P)

X Konf.Nauk.: Czujniki Optoelektroniczne i Elektroniczne (COE 2008) [10th Conf.on Optoelectronic and Electronic Sensors] Poznań, PL, 2008.06 22–25

212. R.Thomas, S.Pal, A.Datta, **M.K. Marchewka**, H.Ratajczak, S.K.Pati, G.U.Kulkarni,

Charge Density Analysis of Two Proton Transfer Complexes: Understanding Hydrogen Bonding and Determination of In-Crystal Dipole Moments. (?)

Int.Conf.on Molecules and Materials – New Directions, Bangalore, KA, IN, 2008.12 04–??

213. O.Tkachenko, A.Morawski, **A.J. Zaleski**, D.Gajda, A.Kario, B.Głowacki,

Study of *ex-situ* Barier Efficiency in Cu-Sheathed MgB_2 Composite Superconductor. (?)

IURMS Int.Conf.on Electronic Materials (ICEM '08) Sydney, NSW, AU, 2008.07 28 –.08 01

214. T.Toliński, A.Kowalczyk, A.Hoser, N.Stüßer, E.Talik, M.Klimczak, **D. Kaczorowski**,

Neutron Diffraction, Magnetic, Transport and Thermodynamic Studies on $CeNi_{4.2}Mn_{0.8}$, $Y_{0.7}Ni_{4.2}Mn_{0.8}$ and $CeCo_{1-x}Cu_xAl_4$ Compounds. (L)

Spotk. Uczestników Sieci Naukowej: Materiały z silnie skorelowanymi elektronami (MSSE) [Meet.of Sci.Net Members: Materials with Strongly Correlated Electrons] Karpacz, PL, 2008.10 17–19

215. T.Toliński, A.Kowalczyk, **D. Kaczorowski**, **V.H. Tran**, A.Hoser, N.Stüßer,

Magnetic, Thermodynamic and Transport Measurements on $CeCoAl_4$ and $CeNiAl_4$. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

216. **P.E. Tomaszewski**,

Rozmiarowe przemiany fazowe – Baza danych. [Size-Induced Phase Transitions – A Database.] (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

217. **P.E. Tomaszewski**,

Database of Size-Induced Phase Transitions in Nanocrystals. (P)

11th Europ. Powder Diffraction Conf. (EPDIC-11) Warszawa, PL, 2008.09 18–22

218. **V.H. Tran**,

The Study on Spin Dimer Gap in the Normal State of Superconducting Mo_3Sb_7. (L)

Gener.Worksh.of the COST P16 – ECOM Action: New materials, new techniques and new ideas in Strongly Correlated Electron Systems, Santander, ES, 2008.07 16–19

219. **V.H. Tran**,

The Physics of Superconducting Intermetallic Compound Mo_3Sb_7. (C)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

220. **V.H. Tran**, A.D.Hillier, D.T.Adroja, **W. Miiller**, Z.Bukowski,

Double Gap Superconductivity in Mo_3Sb_7. (P)

Int.Conf.on Concepts in Electron Correlation, Hvar, HR, 2008.09 24–30

221. **V.H. Tran**, **W. Miiller**, Z.Bukowski,

Electron Transport in the Normal State of Superconducting Mo_3Sb_7. (P)

16th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2008) Dresden, DE, 2008.07 26–31

222. **V.H. Tran**, **W. Miiller**, G. Grzela, **P. Wiśniewski**,

Electron Transport Properties of Non-Fermi-Liquid Alloys $U_{1-x}Y_xAl_2$. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

223. **V.H. Tran**, **W. Miiller**, G. Grzela, **P. Wiśniewski**,

Electron Transport Properties of Non-Fermi-Liquid Alloys $U_{1-x}Y_xAl_2$. (L)

NATO ARW Worksh.on Correlated Thermoelectrics: Properties and Application of Thermoelectric Materials, Hvar, HR, 2008.09 20–26

224. **V.H. Tran**, **W. Miiller**, P.Rogl,

Thermoelectric Power Studies of Ferromagnet $U_2ScB_6C_3$. (C)

12th Symp.on Thermochemistry and Thermophysics of Nuclear Materials, Pörtschach, AT, 2008.08 30 –.09 03

225. **V.H. Tran**, P.Rogl, J.-Ch.Griveau,

Evolution of Heavy-Fermion Behavior in $U_{1-x}Th_xB_2C$. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

226. **R. Troć**, M.Pasturel, O.Tougait, H.Noël,

Magnetic and Transport Properties of a Novel Ternary Compound $U_3Ru_4Al_{12}$. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

227. **R. Troć**, **A.Pikul**,

High Field Heat Capacity of Uranium Mononitride UN. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

228. **R. Troć**, **R. Wawryk**, **W. Miiller**, **H. Misiorek**,

Czy sÅĆaby ferromagnetyzm generuje nadprzewodnictwo w UCoGe? [Does a Weak Ferromagnetism Generate Superconductivity in UCoGe?] (C)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

229. **W. Walerczyk**, **A.Pietraszko**, B.Hilczer, I.Szafraniak-Wiza,

XRD Control of Mechanical Synthesis Process of $(BiFeO_3)_{0.5}(BaTiO_3)_{0.5}$ Multiferroic System. (P)

18th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Zakopane, PL, 2008.05 18–22

230. **W. Walerczyk**, **A.Pietraszko**, B.Hilczer, I.Szafraniak-Wiza,

XRD Control of Mechanical Synthesis Process of $(BiFeO_3)_{0.5}(BaTiO_3)_{0.5}$ Multiferroic System. (P)

11th Europ. Powder Diffraction Conf. (EPDIC-11) Warszawa, PL, 2008.09 18–22

231. **R. Wawryk**, **Z. Henkie**, **T. Cichorek**, T.A.Sayles, R.E.Baumbach, B.M.Maple,

Transport Properties of the Filled Skutterudites $LnFe_4As_{12}$ (Ln = La, Ce, Pr). (P)

Europ.Conf.on Physics of Magnetism (PM '08) Poznań, PL, 2008.06 24–27

232. **R. Wawryk**, **J. Mucha**, **H. Misiorek**, **Z. Henkie**,

Thermal Conductivity of UBi_2 and USb_2 Single Crystals. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

233. **R. Wiglusz**,

Preparation, Morphology and Physical Properties of Nano-$Ln_{1-x}Sr_xMnO_{3-\delta}$ Perovskites. (C)

72. Ann.Meet.of the DPG and DPG Spring Meeting of the Condensed Matter Division, Berlin, DE, 2008.02 25–29

234. **R.J. Wiglusz**, T.Grzyb, S.Lis, **W. Stręk**,

Preparation and Spectroscopy Characterization of Eu : $MgAl_2O_4$ Nanopowder Spinels Prepared by Modified Pechini's Method. (P)

2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials (IWASOM '08) Gdańsk, PL, 2008.07 13–17

235. **R.J. Wiglusz**, T.Grzyb, S.Lis, **W. Stręk**,

Preparation and Spectroscopic Characterization of Eu : $MgAl_2O_4$ Nanopowder Spinels Prepared by Hydrothermal Method. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

236. **R.J. Wiglusz**, **R. Pązik**, **D. Hreniak**, **W. Stręk**,

$BaTiO_3$ Nanoceramics Prepared by a High-Pressure Sintering Technique: Effect of Grain Size and Strains. (P)

50. Konwers. Krystalograficzne [50th Polish Crystallographic Meet.] Wrocław, PL, 2008.06 26–28

237. **R.J. Wiglusz**, **R. Pązik**, **D. Hreniak**, **W. Stręk**,

Structural Properties of $BaTiO_3$ Fabricated *via* Low-Temperature and High Pressure Technique — Effect of the Grain Size and Strains. (P)

2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials (IWASOM'08) Gdańsk, PL, 2008.07 13–17

238. **R.J. Wiglusz**, **R. Pązik**, **W. Stręk**,

Lithium Europium Polyphosphates $LiEu(PO_3)_4$ and Its Structural and Optical Properties. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

239. **R.J. Wiglusz**, **R. Pązik**, **W. Stręk**,

Synthesis and Spectroscopic Properties of $LiPr(PO_3)_4$ Nanopowder Phosphates. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

240. **R.J. Wiglusz**, **W. Stręk**, **D. Hreniak**, G.Kakali, A.Gaki, A.Chuchmała,

Preparation, Morphology, and Physical Properties of Nano-$Ln_{1-x}Sr_xMnO_{3-\delta}$ Perovskites. (P)

1st Int.Conf.on Rare Earth Materials (REMAT) – Advances in Synthesis, Studies and Applications, Karpacz, PL, 2008.09 21–26

241. **P. Wiśniewski**, A.Gukasov, T.A.Sayles, M.B.Maple, **Z. Henkie**,

Polarized-Neutron Diffraction on Ferromagnetic Filled Skutterudite $PrFe_4As_{12}$. (C)

13th Int.Semin.on Neutron Scattering Investigation in Condensed Matter, Poznań, PL, 2008.05 08–10

242. **P. Wiśniewski**, A.Gukasov, T.A.Sayles, M.B.Maple, **Z. Henkie**,

Magnetic Order in $PrFe_4As_{12}$ Filled Skutterudite. (C)

Europ.Conf.on Physics of Magnetism (PM'08) Poznań, PL, 2008.06 24–27

243. **P. Wiśniewski**, N.Kozlova, J.Freudenberger, **Z. Henkie**,

High-Field Magnetization and Magnetoresistance of U_3P_4 and Its Solid Solution $U_3(P, As)_4$. (P)

38ièmes Journées des Actinides, Wrocław, PL, 2008.04 12–15

244. **P. Wiśniewski**, N.Kozlova, J.Freudenbergerk, **Z. Henkie**,

High-Field Magnetization and Magnetoresistance of U_3P_4 and Its Solid Solution $U_3(P, As)_4$. (P)

Europ.Conf.on Physics of Magnetism (PM'08) Poznań, PL, 2008.06 24–27

245. **M. Wołcyrz**, **M. Paściak**, **A.Pietraszko**,

X-ray Diffuse Scattering and a Local Structure of $(CH_3)_4NCdCl_3$ (TMCC) and Related Compounds. (C)

21st Congr.& Gen.Assy of the International Union of Crystallography, Osaka, JP, 2008.08 23–31

246. **P. Wróbel**,

Spin–Polaron Orbital-Like Excitations and the High-Energy Anomaly in the Photoemission and Optical Spectra of Cuprates. (P)

Int.Semin.& Worksh.on Unconventional Phases and Phase Transitions in Strongly Correlated Electron Systems, Dresden, DE, 2008.06 04–07

247. **J. Wrzodak**, **R. Lemański**,

One-Electron Excitations *vs* Collective Excitations in the 1D Falicov–Kimball Model with Hund Coupling at Half Filling. (P)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

248. A.Zając, M.Wandas, **J. Hanuza**,

Synthesis, Molecular Structure and Vibrational Spectra of Bio-active Hybrid Materials Composed on Chitosan, Sodium Alginate and 1,6-Hexamethylene-di(aminocarboxy-sulfonate). (P)

29th Europ.Congr.on Molecular Spectroscopy (EUCMOS 2008) Opatija, HR, 2008.08 31 –.09 05

249. **T. Zaleski**,

Antiferromagnetic Order in the Hubbard Model: Spin-Charge Rotating Reference Frame Approach. (P)

Int.Semin. & Worksh.on Unconventional Phases and Phase Transitions in Strongly Correlated Electron Systems, Dresden, DE, 2008.06 04–07

250. **T.A.Zaleski**, **T.K. Kopeć**,

Elektronowe funkcje spektralne a porządek antyferromagnetyczny w dwuwymiarowym modelu Hubbarda. [Electron Spectral Functions and Antiferromagnetic Ordering in the Two-Dimensional Hubbard Model.] (C)

XIV Kraj.Szk. Nadprzewodnictwa [14th Polish School of Superconductivity] Ostrów Wielkopolski, PL, 2008.10 13–17

251. M.B.Zapart, **A.Gągor**, **M. Mączka**, P.Reng,

Ferroelastic Phase Transition in $KSc(WO_4)_2$. (P)

19th Int.Sch.on Ferroelectrics Physics, Cracow, PL, 2008.09 14–18

252. N.D.Zhigadlo, Z.Bukowski, S.Katrych, R.Puźniak, **K. Rogacki**, B.Batlogg, S.Weyeneth, H.Keller, R.Khasanov, J.Karpinski,

Exploratory Synthesis and Characterization of Transition Metal Pnictides and Pnictide Oxides. (C)

Int.Worksh.on Physics and Chemistry of FeAs-Based Superconductors, Dresden, DE, 2008.10 27–29

253. E.Zych, M.Wójtowicz, A.Dobrowolska, **L. Kępiński**,

Radioluminescence and Photoluminescence of Hafnia-Based Eu-Doped Phosphors. (P)

2nd Int.Worksh.on Advanced Spectroscopy and Optical Materials, Gdańsk, PL, 2008.07 13–17