

## LISTA PUBLIKACJI 2002

### LIST of PUBLICATIONS

#### ARTYKUŁY W CZASOPISMACH NAUKOWYCH

#### ARTICLES IN SCIENTIFIC JOURNALS

1. M.A. Augustyniak-Jabłokow, **K. ŁUKASZEWICZ**, **A. PIETRASZKO**, V.E.Petrashen, Y.V.Yablokov,  
**The Plasticity of the  $\text{Cu}(\text{H}_2\text{O})_6^{2+}$  JAHN–TELLER Complex Affected by Lattice Strains and Cooperative Interactions.**  
*Fiz. Tverd. Tela* **44**<sub>8</sub> (2002) 1418–20. Also in: *Phys. Solid State* **44**<sub>8</sub> (2002) 1480–3. [\[DOI\]](#)
2. H.Ban-Oganowska, P.Godlewska, **L.MACALIK**, **J. HANUZA**, **W. OGANOWSKI**,  
**K. HERMANOWICZ**,  
**Vibrational and Electron Excited States of Six-Coordinate Rare Earth Complexes with 2,6-Lutidine *n*-Oxide:  $[\text{Ln}(\text{C}_7\text{H}_9\text{NO})_6](\text{ClO}_4)_3 \cdot \text{H}_2\text{O}$  ( $\text{Ln} = \text{Pr}, \text{Nd}, \text{Sm}, \text{Eu}, \text{Gd}, \text{Dy}$ ).**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 243–55. [\[DOI\]](#)  
*6th Int.Conf.on Molecular Spectroscopy*, WROCLAW & LADEK Zdrój, PL, 2001.09 29 –.10 03
3. H.Ban-Oganowska, P.Godlewska, **L. MACALIK**, **J. HANUZA**, **W. OGANOWSKI**, J.H.van der Maas,  
**Vibrational Characteristics and Structure of the Six- and Eight-Coordinate Praseodymium(III) Complexes with 2,6-Lutidine *N*-Oxide Derivatives.**  
*J. Mol. Struct.* **605**<sub>2/3</sub> (2002) 291–307. [\[DOI\]](#)
4. H.Ban-Oganowska, P.Godlewska, **L. MACALIK**, **A. WAŚKOWSKA**, **J. HANUZA**, **W. OGANOWSKI**,  
J.Legendziewicz,  
**Synthesis, X-ray Structure and Spectroscopic Studies of New Praseodymium(III) Six-Coordinate Complexes with 3-halo-4-Methoxy-2,6-Lutidine *N*-Oxide:  $\text{PrCl}_3(\text{XCH}_3\text{OC}_7\text{H}_7\text{NO})_3$  where  $\text{X} = \text{Cl}, \text{Br}$ , and  $\text{I}$ .**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 87–97. [\[DOI\]](#)  
*5th Int.Conf.on Excited States of Transition Elements*, LADEK Zdrój, PL, 2001.06 06–11
5. **J. BARAN**, **K. ŁUKASZEWICZ**, **A. PIETRASZKO**, **M. ŚLEDŹ**,  
**Structural Investigations of the Ferroelectric Glycinium Hydrogenphosphite (GPI) and Its Deuterated Analogue (DGPI). I. X-ray Diffraction Studies of the Crystal Structure of Paraelectric and Ferroelectric Phases.**  
*J. Mol. Struct.* **611**<sub>1–3</sub> (2002) 155–68. [\[DOI\]](#)
6. **J. BARAN**, **M.K. MARCHEWKA**,  
**Vibrational Investigation of Phase Transitions in  $\text{CsHSO}_4$  Crystal.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 133–49. [\[DOI\]](#)  
*6th Int.Conf.on Molecular Spectroscopy*, WROCLAW & LADEK Zdrój, PL, 2001.09 29 –.10 03
7. A.Barla, J.P.Sanchez, B.Ni, B.P.Doyle, P.Vulliet, O.Leupold, R.Rüffer, **D. KACZOROWSKI**, J.Plessel,  
M.M.Abd-Elmeguid,  
**Effect of Pressure on the Magnetic Properties of  $\text{U}(\text{In}_{1-x}\text{Sn}_x)_3$ : Moment Suppression in  $\text{U}(\text{In}_{0.6}\text{Sn}_{0.4})_3$ .**  
*Phys. Rev. B* **66** (2002) 09 4425 (8). [\[DOI\]](#)
8. **A. BASZCZUK**, **A. ZYGMUNT**, **M. WOŁCYRZ**,  
**Crystal Structure, Magnetic and Electrical Properties of New Indium Copper-Oxycarbonates  $\text{Ba}_2\text{CuIn}_x(\text{CO}_3)_{1-x}\text{O}_{2+2.5x+\delta}$ .**  
*J. Alloy. Compd.* **346**<sub>1/2</sub> (2002) 68–79. [\[DOI\]](#)

9. E.Bauer, St.Berger, A.Galatanu, Ch.Paul, M.Della Mea, H.Michor, G.Hilscher, A.Grytsiv, P.Rogl, **D. KACZOROWSKI**, L.Keller, T.Hermannsdörfer, P.Fischer,  
**Magnetic Behaviour of PrFe<sub>4</sub>Sb<sub>12</sub> and NdFe<sub>4</sub>Sb<sub>12</sub> Skutterudites.**  
*Physica B* **312/313** (2002.03) 840–2. [\[DOI\]](#)  
*Int.Conf.on Strongly Correlated Electron Systems*, ANN ARBOR, MI, US, 2001.08 06–10
10. **A. BEDNARKIEWICZ, W. STREK**,  
**Laser-Induced Hot Emission in Nd<sup>3+</sup>/Yb<sup>3+</sup>:YAG Nanocrystallite Ceramics.**  
*J. Phys. D* **35**<sub>20</sub> (2002) 2503–7. [\[DOI\]](#)
11. B.Bednarska-Bolek, R.Jakubas, G.Bator, **J. BARAN**,  
**Vibrational Study of the Structural Phase Transition in bis(Pyrrolidinium)-Chloride–Hexachloroantimonate(V) by Infrared Spectroscopy.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 151–7. [\[DOI\]](#)  
*6th Int.Conf.on Molecular Spectroscopy*, WROCLAW & LADEK Zdrój, Pl, 2001.09 29 –.10 03
12. B.Bednarska-Bolek, R.Jakubas, G.Bator, **J. BARAN**,  
**Vibrational Study of the Structural Phase Transitions in a New Ferroelastic (C<sub>5</sub>H<sub>10</sub>NH<sub>2</sub>)SbCl<sub>6</sub> Crystal by Infrared and RAMAN Spectroscopy.**  
*Pol. J. Chem.* **76**<sub>2/3</sub> (2002) 385–394.
13. F.Beuneu, P.Vajda, **O.J. ŻOGAŁ**,  
**Li Colloids Created by Electron-Irradiation of LiF: A Great Wealth of Properties.**  
*Nucl. Instr. Meth. B* **191** (2002.05) 149–53. [\[DOI\]](#)  
*11th Int.Conf.on Radiation Effects in Insulators*, LISBON, PT, 2001.09 03–07
14. T.Bezrodna, T.Gavrilko, G.Puchkovska, V.Shimanovska, **J. BARAN, M.K. MARCHEWKA**,  
**Spectroscopic Study of TiO<sub>2</sub> (Rutile)–Benzophenone Hetrogenous Systems.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 315–24. [\[DOI\]](#)  
*6th Int.Conf.on Molecular Spectroscopy*, WROCLAW & LADEK Zdrój, Pl, 2001.09 29 –.10 03
15. M.Biasini, G.Ferro, **G. KONTRYM-SZNAJD, A. CZOPNIK**,  
**FERMI Surface Nesting and Magnetic Structure of ErGa<sub>3</sub>.**  
*Phys. Rev. B* **66** (2002) 07 5126 (8). [\[DOI\]](#)
16. В.Н.Богомолов, Л.С.Парфеньева, И.А.Смирнов, **Н. MISIOREK, А. JEŻOWSKI**,  
**Прохождение фононов через фотонные кристаллы – среды с пространственной модуляцией акустических свойств.** [Phonon Propagation through Photonic Crystals – Media with Spatially Modulated Acoustic Properties.]  
*Физ. Тверд. Тела* **44**<sub>1</sub> (2002) 175–9 [in Russian]. Engl.in: *Phys. Solid State* **44**<sub>1</sub> (2002) 181–5. [\[DOI\]](#)
17. В.Н.Богомолов, Л.С.Парфеньева, Л.М.Сорокин, И.А.Смирнов, **Н. MISIOREK, А. JEŻOWSKI**, J.Hutchison,  
**Структурные и тепловые свойства нанокompозита опал–эпоксидная смола.** [Structure and Thermal Properties of the Opal–Epoxy Resin Nanocomposite.]  
*Физ. Тверд. Тела* **44**<sub>6</sub> (2002) 1017–22 [in Russian]. Engl.in: *Phys. Solid State* **44**<sub>6</sub> (2002) 1061–6. [\[DOI\]](#)
18. M.Broschová, M.Mihalik, V.Kavečanský, M.Seberíni, **W. SUSKI**,  
**Structure and Magnetic Properties of Gadolinium Hexacyanoferrate Prussian Blue Analogue.**  
*Czech. J. Phys.* **52**<sub>2</sub> (2002) 325–8.  
*11th Czech and Slovak Conf.on Magnetism*, KOŠICE, SK, 2001.08 20–23
19. **Z. BUKOWSKI, D. BADURSKI, J. STEPIEŃ-DAMM, R. TROĆ**,  
**Single Crystal Growth and Superconductivity of Mo<sub>3</sub>Sb<sub>7</sub>.**  
*Solid State Commun.* **123**<sub>6/7</sub> (2002) 283–6. [\[DOI\]](#)

20. E.Carlon, **A. DRZEWIŃSKI**, J.M.J.van Leeuwen,  
**Reptation in the RUBINSTEIN–DUKE Model: The Influence of End-Reptons Dynamics.**  
*J. Chem. Phys.* **117**<sub>5</sub> (2002) 2425–34. [\[DOI\]](#)
21. W.Carrillo-Cabrera, R.Cardoso Gil, **V.H. TRAN**, Yu.Grin,  
**Refinement of the Crystal Structure of the Clathrate Ba<sub>8</sub>Ga<sub>17.2</sub>Sn<sub>28.8</sub>.**  
*Z. Krist.-NCS* **217**<sub>2</sub> (2002) 181–2.
22. G.Chełkowska, J.A.Morkowski, A.Szajek, **R. TROĆ**,  
**Electronic Band Structure and the X-ray Photoemission Spectrum of UCu<sub>5</sub>In.**  
*Phil. Mag. B* **82**<sub>18</sub> (2002) 1893–906. [\[DOI\]](#)
23. G.Chełkowska, J.A.Morkowski, A.Szajek, **R. TROĆ**,  
**Dense KONDO Compound UCu<sub>5</sub>Sn – Electronic Structure and X-ray Photoemission.**  
*J. Phys. Cond. Matt.* **14**<sub>12</sub> (2002) 3199–209. [\[DOI\]](#)
24. Y.Y.Chen, Y.D.Yao, C.R.Wang, S.H.Lin, **A. CZOPNIK**, M.R.Ali, J.C.Ho,  
**Magnetic Ordering and Spin Reorientation in ErGa<sub>3</sub>.**  
*Phys. Rev. B* **66** (2002) 21 2404 (4). [\[DOI\]](#)
25. **T. CICHOREK**, **Z. HENKIE**, **A. PIETRASZKO**, **A. WOJAKOWSKI**, P.Gegenwart, M.Lang, F.Steglich,  
**Low-Temperature Specific Heat for Off- and Near-Stoichiometric UAsSe.**  
*Solid State Commun.* **121**<sub>12</sub> (2002) 647–51. [\[DOI\]](#)
26. **M. CISZEK**, H.G.Knoopers, J.J.Rabbers, B.ten Haken, H.H.J.ten Kate,  
**Angular Dependence of the Dynamic Resistance and Its Relation to the AC Transport Current Loss in Bi-2223Ag Tape Superconductors.**  
*Supercond. Sci. Technol.* **15**<sub>8</sub> (2002) 1275–80. [\[DOI\]](#)
27. H.Ciurla, **J. HANUZA**, T.Talik, Z.Talik, M.Korabik, J.Mroziński,  
**Chemical and Magnetic Properties of the New Copper(II) Complexes with Alkylaminoacetylureas.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 111–4. [\[DOI\]](#)  
*5th Int.Conf.on Excited States of Transition Elements*, ŁAĐEK Zdrój, PL, 2001.06 06–11
28. B.Dabrowski, **P.W. KLAMUT**, M.Maxwell, S.M.Mini, S.Kolesnik, J.Mais, A.Shengelaya, R.Khazanov, H.Keller, **C. SUŁKOWSKI**, **D. WŁOSEWICZ**, **M. MATUSIAK**,  
**Superconductivity and Magnetism in Pure and Substituted RuSr<sub>2</sub>GdCu<sub>8</sub>O<sub>8</sub>.**  
*J. Supercond.* **15**<sub>5</sub> (2002) 439–45. [\[DOI\]](#)
29. A.T.Davidson, A.G.Kozakiewicz, T.E.Derry, J.D.Comins, **M. SUSZYŃSKA**,  
**The Colouration by <sup>60</sup>Co-Gamma Rays of NaCl and KCl Crystals Doped with Europium Ions.**  
*Radiat. Eff. Def. Solids* **157**<sub>6–12</sub> (2002) 629–36. [\[DOI\]](#)  
*9th Eur.Conf.on Defects in Insulating Materials*, WROCŁAW, PL, 2002.07 01–05
30. N.A.Davydova, L.M.Babkov, **J. BARAN**, J.I.Kukielski, V.I.Mel’nik, S.V.Truchkachev,  
**RAMAN Spectra of Benzophenone and Benzopinacol Crystals.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 167–72. [\[DOI\]](#)  
*6th Int.Conf.on Molecular Spectroscopy*, WROCŁAW & ŁAĐEK Zdrój, Pl, 2001.09 29 –.10 03
31. N.A.Davydova, V.I.Mel’nik, K.I.Nelipovich, **J. BARAN**, J.I.Kukielski,  
**Heterogeneous Structure of Glassy Benzophenone.**  
*Phys. Rev. B* **65** (2002) 09 4201 (3). [\[DOI\]](#)
32. N.A.Davydova, V.I.Mel’nik, K.I.Nelipovitch, **J. BARAN**,  
**The Structural Differences of Benzophenone Glasses According to Different Thermal History.**  
*J.Mol.Struct.* **614**<sub>1–3</sub> (2002) 173-6 [SI].  
*6th Int.Conf.on Molecular Spectroscopy*, WROCŁAW & ŁAĐEK Zdrój, Pl, 2001.09 29 –.10 03

33. S. Debrus, **H. RATAJCZAK**, J. Venturini, N. Pinçon, **J. BARAN**, J. Barycki, T. Głowiak, **A. PIETRASZKO**,  
**Novel Nonlinear Optical Crystals of Non-centrosymmetric Structure Based on Hydrogen Bonds Interactions between Organic and Inorganic Molecules.**  
*Synth. Met.* **127**<sub>1–3</sub> (2002) 99–104. [DOI]  
*E-MRS Spring Conf., Symp.R: Novel Organic Material and Technological Advances for Photonics*, STRASBOURG, FR, 2001.06 05–08
34. **P.J. DEREŃ**, A.A. Demidovich, J.-C. Krupa, **W. STREK**,  
**Spectroscopic Properties and Up-conversion in KYb(WO<sub>4</sub>)<sub>2</sub>:Ho<sup>3+</sup>.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 130–3. [DOI]  
*5th Int. Conf. on Excited States of Transition Elements*, ŁĄDEK Zdrój, PL, 2001.06 06–11
35. **P.J. DEREŃ**, M.-F. Joubert, J.-C. Krupa, R. Mahiou, M. Yin,  
**New Paths of Excitation of Up-Conversion Emissions in LaCl<sub>3</sub>:U<sup>3+</sup>.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 134–8. [DOI]  
*5th Int. Conf. on Excited States of Transition Elements*, ŁĄDEK Zdrój, PL, 2001.06 06–11
36. **P.J. DEREŃ**, R. Mahiou, **W. STREK**, **A. BEDNARKIEWICZ**, G. Bertrand,  
**Up-Conversion in KYb(WO<sub>4</sub>)<sub>2</sub>:Pr<sup>3+</sup> Crystal.**  
*Opt. Mater.* **19**<sub>1</sub> (2002) 145–8. [DOI]  
*2nd Int. Symp. on Laser, Scintillator and Nonlinear Optical Materials*, LYON, FR, 2000.05 28–31
37. V.M. Dmitriev, L.F. Rybaltchenko, P. Wyder, A.G.M. Jansen, N.N. Prentslau, **W. SUSKI**,  
**Direct Evidence for the Occurrence of Superconductivity in the Magnetic Compound YFe<sub>4</sub>Al<sub>8</sub>.**  
*Fiz. Nizk. Temp.* **28**<sub>4</sub> (2002) 374–7. Also in: *Low Temp. Phys.* **28**<sub>4</sub> (2002) 260–2. [DOI]
38. **G. DOMINIĄK-DZIK**, A. Pajączkowska, **S. GOŁĄB<sup>†</sup>**, M. Baba, **W. RYBA-ROMANOWSKI**, S. Sarjono,  
**Spectroscopic Investigation of a Ca<sub>4</sub>GdO(BO<sub>3</sub>)<sub>3</sub> (GdCOB) Single Crystal Doped with Eu<sup>3+</sup> and Tb<sup>3+</sup>.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 144–9. [DOI]  
*5th Int. Conf. on Excited States of Transition Elements*, ŁĄDEK Zdrój, PL, 2001.06 06–11
39. **G. DOMINIĄK-DZIK**, **W. RYBA-ROMANOWSKI**, **S. GOŁĄB<sup>†</sup>**, M. Baba, A. Pajączkowska,  
**Vibrational Structure in Optical Spectra of the Ca<sub>4</sub>GdO(BO<sub>3</sub>)<sub>3</sub> (GdCOB) Crystal Doped with Re<sup>3+</sup> (Eu, Tb, Yb).**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 195–201. [DOI]  
*6th Int. Conf. on Molecular Spectroscopy*, WROCŁAW & ŁĄDEK Zdrój, PL, 2001.09 29 –.10 03
40. **G. DOMINIĄK-DZIK**, **W. RYBA-ROMANOWSKI**, M. Grinberg, E. Beregi, L. Kovacs,  
**Excited-State Relaxation Dynamics of Cr<sup>3+</sup> in YAl<sub>3</sub>(BO<sub>3</sub>)<sub>4</sub>.**  
*J. Phys. Cond. Matt.* **14**<sub>20</sub> (2002) 5229–37. [DOI]
41. G. Dominiak-Dzik, P. Solarz, W. Ryba-Romanowski, E. Beregi, E. Hartmann, L. Kovács,  
**Optical Properties and Laser Potential of Dysprosium Doped YAl<sub>3</sub>(BO<sub>3</sub>)<sub>4</sub> (YAB) Crystal.**  
*Radiat. Eff. Def. Solids* **157**<sub>6–12</sub> (2002) 1161–5. [DOI]  
*9th Eur. Conf. on Defects in Insulating Materials*, WROCŁAW, PL, 2002.07 01–05
42. **H. DRULIS**, **P. GACZYŃSKI**, **W. IWASIECZKO**, **W. SUSKI**, B. Ya. Kotur,  
**Magnetic Properties of YbFe<sub>4</sub>Al<sub>8</sub> Intermetallic Compound. New Antiferromagnetic Superconductor.**  
*Solid State Commun.* **123**<sub>9</sub> (2002) 391–4. [DOI]
43. **M. DRULIS**, **W. IWASIECZKO**, **M. WOŁCYRZ**, **H. DRULIS**,  
**Low-Temperature Specific Heat of Non-Stoichiometric  $\beta$ -Ytterbium Deuteride.**  
*J. Alloy. Compd.* **337**<sub>1/2</sub> (2002) 64–8. [DOI]

44. Z.Drzazga, A.Winiarska, **D. KACZOROWSKI**,  
**Magnetic Anisotropy of  $Y_{1-x}Dy_xNi_2B_2C$  Single Crystals.**  
*J. Magn. Magn. Mater.* **242-5** (2002.04) 829–31 [pt II]. [DOI]  
*Joint European Magnetic Symp. JEMS'01 (EMMA-MRM)* GRENOBLE, FR, 2001.08 28 –.09 01
45. B.Engelen, T.Gavrilko, M.Panthöfer, G.A.Puchkovskaya, **J. BARAN**, **H. RATAJCZAK**,  
**Corporate Proton Dynamics in  $\delta$ -KIO<sub>3</sub>·HIO<sub>3</sub> Crystal as Deduced from  $\nu$ (OH) and  $\delta$ (OH) Band Profiles.**  
*Proc. SPIE* **4938** (2002.12) 15–20. [DOI]  
*15th Int.Sch.-Semin.on Spectroscopy of Molecules and Crystals*, CHERNIHIV, UA, 2001.06 23–30
46. Y.A.Freiman, S.M.Tretyak, **A. JEŻOWSKI**, R.J.Hemley,  
**Quantum Crystals under Pressure as a Probe of Many-Body Forces.**  
*J. Low Temp. Phys.* **126**<sub>1/2</sub> (2002) 703–8. [DOI]  
*4th Symp.on Quantum Fluids and Solids*, KONSTANZ, DE, 2001.07 22–27
47. V.E.Gaishun, O.I.Tulenkova, I.M.Melnichenko, S.A.Baryshnin, Y.A.Potapenok, A.P.Khlebokazov,  
**W. STREK**,  
**Preparation and Properties of Colloidal Nanosized Silica Dioxide for Polishing of Monocrystalline Silicon Wafers.**  
*Mater. Sci.* **20**<sub>2</sub> (2002) 19–22.
48. **E. GALDECKA**,  
**OMNIBUS: A Program for Reduction, Modelling and Viewing X-ray Single-Crystal Data from Various Four-Circle Diffractometers.**  
*J. Appl. Cryst.* **35**<sub>5</sub> (2002) 641–3. [DOI]
49. M.Galli, E.Bauer, St.Berger, Ch.Dusek, M.Della Mea, H.Michor, **D. KACZOROWSKI**, E.W.Scheidt, F.Marabelli,  
**Evolution of Ground State Properties of  $YbCu_{5-x}Au_x$ .**  
*Physica B* **312/313** (2002.03) 489–91. [DOI]  
*Int.Conf.on Strongly Correlated Electron Systems*, ANN ARBOR, MI, USA, 2001.08 06–10
50. S.S.Gerashchenko, O.V.Miloslavskaya, Yu.N.Kharchenko, V.I.Kut'ko, N.M.Nesterenko, **L. MACALIK**, **K. HERMANOWICZ**, **M. MACZKA**, **J. HANUZA**,  
**Bi-Doping Effect on the JAHN–TELLER Phase Transition in  $CsDy(MoO_4)_2$  Crystal.**  
*Mater. Sci.* **20**<sub>2</sub> (2002) 81–9.
51. K.Giza, H.Bala, V.V.Pavlyuk, **H. DRULIS**, **W. IWASIECZKO**,  
**Ocena zdolności pochłaniania wodoru przez wysokokobaltowe stopy typu  $ZrNi_{5-x}Co_x$ .** [Evaluation of Hydrogen Absorption by the High-Cobalt[-Content]  $ZrNi_{5-x}Co_x$  Alloys.]  
*Inż. Mater.* **23**<sub>5</sub> (2002) 623–6 [in Polish].  
*V Og.-Pol.Konf.Nauk. ,Obróbka Powierzchniowa' [5th All-Pol.Conf.on Surface Treatment]* CZĘSTOCHOWA-KULE, PL, 2002.09 18–20
52. I.Gnatyuk, T.Gavrilko, G.Puchkovska, I.Chashechnikova, **J. BARAN**, **H. RATAJCZAK**,  
**FTIR Spectroscopic and Calorimetric Studies of Pore Surface Treatment Effect on Molecular Dynamics in Novel Nanocomposites:  $MeMCM-41$  Loaded with 4-*n*-Pentyl-4'-Cyanobiphenyl.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 233–42. [DOI]  
*6th Int.Conf.on Molecular Spectroscopy*, WROCŁAW & ŁĄDEK Zdrój, PL, 2001.09 29 –.10 03
53. **S. GOŁĄB<sup>†</sup>**, **P. SOLARZ**, **G. DOMINIAK-DZIK**, T.Łukasiewicz, **W. RYBA-ROMANOWSKI**,  
**Optical Properties of  $YVO_4$  Crystals Singly Doped with  $Er^{3+}$ ,  $Ho^{3+}$ ,  $Tm^{3+}$ .**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 165–9. [DOI]  
*5th Int.Conf.on Excited States of Transition Elements*, ŁĄDEK Zdrój, PL, 2001.06 06–11

54. S. GOŁĄB<sup>†</sup>, P. SOLARZ, G. DOMINIAK-DZIK, T.Łukasiewicz, M.Świrkwicz,  
W. RYBA-ROMANOWSKI,  
**Spectroscopy of YVO<sub>4</sub>:Ho<sup>3+</sup> Crystals.**  
*Appl. Phys. B* **74**<sub>3</sub> (2002) 237–41. [DOI]
55. A.В.Голубков, Л.С.Парфеньева, И.А.Смирнов, H. MISIOREK, J. MUCHA, A. JEŻOWSKI,  
F.Ritter, W.Assmus,  
**Особенности поведения числа Лоренца в «легкой» тяжелофермионной системе YbInCu<sub>4</sub>.**  
[Peculiarities of the Behavior of the LORENZ Number in the “Light” Heavy-Fermion System YbInCu<sub>4</sub>.]  
*Физ. Твёрд. Тела* **44**<sub>6</sub> (2002) 973–8 [in Russian]. Engl. in: *Phys.Solid State* **44**<sub>6</sub> (2002) 1016–21. [DOI]
56. В.Голубков, Л.С.Парфеньева, И.А.Смирнов, H. MISIOREK, J. MUCHA, A. JEŻOWSKI,  
**Теплопроводность кристаллической решетки соединений с неомогенной переменной валентностью редкоземельных ионов.** [Lattice Thermal Conductivity of Compounds with Inhomogeneous Intermediate Rare-Earth Ion Valence.]  
*Физ. Твёрд. Тела* **44**<sub>6</sub> (2002) 988–91 [in Russian]. Engl. in: *Phys. Solid State* **44**<sub>6</sub> (2002) 1031–4. [DOI]
57. Ł.Gondek, A.Szytuła, N.Stücker, A. ZYGMUNT,  
**Magnetic Structure of Tb<sub>2</sub>CuGe<sub>3</sub>.**  
*Solid State Commun.* **124**<sub>5/6</sub> (2002) 199–202. [DOI]
58. A.S.Grabtchikov, A.N.Kuzmin, V.A.Lisinetskii, V.A.Orlovich, A.A.Demidovich, M.B.Danailov,  
H.J.Eichler, A. BEDNARKIEWICZ, W. STREK, A.N.Titov,  
**Laser Operation and RAMAN Self-Frequency Conversion in Yb:KYW Microchip Laser.**  
*Appl. Phys. B* **75**<sub>6/7</sub> (2002) 795–7. [DOI]
59. A.Grytsiv, D. KACZOROWSKI, A.Leithe-Jasper, P.Rogl, C.Godart, M.Potel, H.Noël,  
**EuZn<sub>2</sub>Si<sub>2</sub> and EuZn<sub>2</sub>Ge<sub>2</sub> Grown from Zn or Ga(In)/Zn Flux.**  
*J. Solid State Chem.* **163**<sub>1</sub> (2002) 37–43. [DOI]
60. A.Grytsiv, D. KACZOROWSKI, A.Leithe-Jasper, P.Rogl, M.Potel, H.Noël, A.P. PIKUL, T.Velikanova,  
**Structure and Properties of Yb<sub>3</sub>Ge<sub>5</sub>.**  
*J. Solid State Chem.* **165**<sub>1</sub> (2002) 178–81. [DOI]
61. A.Grytsiv, D. KACZOROWSKI, A.Leithe-Jasper, V.H. TRAN, A. PIKUL, P.Rogl, M.Poltel, H.Noël,  
M.Bohn, T.Velikanova,  
**On the System Silicon–Ytterbium: Constitution, Crystal Chemistry and Physical Properties.**  
*J. Solid State Chem.* **163**<sub>1</sub> (2002) 178–85. [DOI]
62. A.Grytsiv, P.Rogl, S.Berger, C.Paul, E.Bauer, C.Godart, B.Ni, M.M.Abd-Elmeguid, A.Saccone,  
R.Ferro, D. KACZOROWSKI,  
**Structure and Physical Properties of the Thermoelectric Skutterudites Eu<sub>y</sub>Fe<sub>4-x</sub>Co<sub>x</sub>Sb<sub>12</sub>.**  
*Phys. Rev. B* **66** (2002) 09 4411 (11). [DOI]
63. J. HANUZA, J.Michalski, M. MAĆZKA, A. WAŚKOWSKA, Z.Talik, J.H.van Der Maas,  
**Crystal Structure and Polarized Vibrational Spectra of 2-Bromo-4-Nitropyridine N-Oxide Single Crystal.**  
*J. Raman Spectr.* **33**<sub>4</sub> (2002) 229–37. [DOI]
64. Z. HENKIE, R. WAWRYK,  
**Anomalous Transport Properties in Thorium Arsenosulphide Crystals.**  
*Solid State Commun.* **122**<sub>1/2</sub> (2002) 1–6. [DOI]
65. Z. HENKIE, A. WOJAKOWSKI, R. WAWRYK, Z. KLETOWSKI, T. CICHOREK,  
**A KONDO-Like Thermoelectric Power Behavior of UAsSe Ferromagnet.**  
*Physica B* **312/313** (2002.03) 307–8. [DOI]  
*Int.Conf.on Strongly Correlated Electron Systems*, ANN ARBOR, MI, US, 2001.08 06–10



66. **K. HERMANOWICZ**,  
**Temperature-Dependent ESR Studies on the Cr<sup>3+</sup> Ion-Doped KAl(MoO<sub>4</sub>)<sub>2</sub> Crystal.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 179–82. [DOI]  
*5th Int.Conf.on Excited States of Transition Elements*, ŁAĐEK Zdrój, PL, 2001.06 06–11
67. M.A.Hitchman, Y.V.Yablokov, V.E.Petrashen, M.A.Augustyniak-Jablokov, H.Stratemeier, M.J.Riley,  
**K. ŁUKASZEWICZ, P.E. TOMASZEWSKI, A. PIETRASZKO**,  
**Dynamic Behavior of the JAHN–TELLER Distorted Cu(H<sub>2</sub>O)<sub>6</sub><sup>2+</sup> Ion in Cu<sup>2+</sup> Doped Cs<sub>2</sub>[Zn(H<sub>2</sub>O)<sub>6</sub>](ZrF<sub>6</sub>)<sub>2</sub> and the Crystal Structure of the Host Lattice.**  
*Inorg. Chem.* **41**<sub>2</sub> (2002) 229–38. [DOI]
68. V.Hlukhyy, V.Zaremba, **J. STĘPIEŃ-DAMM, R. TROĆ**,  
**Crystal Structure of the New Ternary Thorium Indide Th<sub>3</sub>Ni<sub>4</sub>In<sub>13</sub>.**  
*J. Alloy. Compd.* **333**<sub>1/2</sub> (2002) 133–7. [DOI]
69. **R. HORYŃ, E. BUKOWSKA, A. SIKORA**,  
**Nature of Structure Defects in Rhombohedral Series of La<sub>1-x</sub>A<sub>x</sub>MnO<sub>3+δ</sub> (A = Na, K).**  
*J. Alloy. Compd.* **346**<sub>1/2</sub> (2002) 107–15. [DOI]
70. **D. HRENIAK, M. JASIORSKI, K. MARUSZEWSKI, L. KĘPIŃSKI, L. KRAJCZYK, J. Misiewicz, W. STRĘK**,  
**Nature and Optical Behavior of Heavily Europium-Doped Silica Glasses Obtained by Sol–Gel Method.**  
*J. Non-Cryst. Solids* **298**<sub>2/3</sub> (2002) 146–52. [DOI]
71. **D. HRENIAK, E. ŁUKOWIAK, K. MARUSZEWSKI, R. Pażik, W. STRĘK**,  
**Structure, Spectroscopy and Dielectric Properties of BaTiO<sub>3</sub>:Eu<sup>3+</sup> Nanocrystallites Prepared by the Sol–Gel Method.**  
*Mater. Sci.* **20**<sub>1</sub> (2002) 43–50.  
*Int.Conf.on Sol–Gel Materials*, WROCŁAW & ROKOSOWO, PL, 2001.06 13–16
72. **D. HRENIAK, W. STRĘK**,  
**Synthesis and Optical Properties of Nd<sup>3+</sup>-Doped Y<sub>3</sub>Al<sub>5</sub>O<sub>12</sub> Nanoceramics.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 183–6. [DOI]  
*5th Int.Conf.on Excited States of Transition Elements*, ŁAĐEK Zdrój, PL, 2001.06 06–11
73. **D. HRENIAK, W. STRĘK, P. Mazur**,  
**Preparation, Spectroscopy and Morphology of Nd:YAG Nanostructures.**  
*Mater. Sci.* **20**<sub>2</sub> (2002) 39–45.  
*Int.Conf.on Sol–Gel Materials*, WROCŁAW & ROKOSOWO, PL, 2001.06 13–16
74. A.I.Ivanov, E.A.Korolenko, E.V.Korolik, S.P.Firsov, R.G.Zhbankov, **M.K. MARCHEWKA, H. RATAJCZAK**,  
**Chronic Liver and Renal Diseases Differently Affect Structure of Human Serum Albumin.**  
*Arch. Biochem. Biophys.* **408**<sub>1</sub> (2002) 69–77. [DOI]
75. T.I.Ivanova, S.A.Nikitin, D.V.Tokareva, I.V.Telegina, Yu.G.Pastushenkov, K.P.Skokov, **W. SUSKI, Yu. Skourski**,  
**The Magnetization Processes, Spin Reorientation Transitions and Magnetic Domain Structure in DyFe<sub>10</sub>CoTi Single Crystal.**  
*J. Magn. Magn. Mater.* **238**<sub>2/3</sub> (2002) 215–20. [DOI]
76. **J. JANCZAK, Y.M. Idemori**,  
**Tetrakis[phthalocyaninato(2-)- Antimony(III)] Hexadecaiodotetra-Antimony(III).**  
*Acta Cryst. C* **58**<sub>1</sub> (2002) m23–5. [DOI]
77. **J. JANCZAK, Y.M. Idemori**,  
**Aqua(phthalocyaninato) Magnesium [at 200 K].**  
*Acta Cryst. C* **58**<sub>11</sub> (2002) m549–50. [DOI]

78. **J. JANCZAK**, Y.M.Idemori,  
**[Phthalocyaninato(2-)] Arsenic(III) Triiodide.**  
*Acta Cryst. E* **58**<sub>1</sub> (2002) m36–8. [\[DOI\]](#)
79. **J. JANCZAK**, Y.M.Idemori,  
**One-Dimensional Assembling of Diiodo[phthalocyaninato(1-)] Chromate(III) Molecules through Neutral I<sub>2</sub> Molecules. Alternating Ferro- and Antiferromagnetic Interactions in the Metal–Radical System.**  
*Inorg. Chem.* **41**<sub>20</sub> (2002) 5059–65. [\[DOI\]](#)
80. **J. JANCZAK**, **R. KUBIAK**,  
**Synthesis and Characterisation of Dipyridinated Magnesium Phthalocyaninato(2-) Complex.**  
*Polyhedron* **21**<sub>3</sub> (2002) 265–74. [\[DOI\]](#)
81. **M. JASIORSKI**, **K. MARUSZEWSKI**, **W. STREK**,  
**Optical Behavior of Sol–Gel Derived Photonic Structures Formed by Submicron Silica Spheres.**  
*Mater. Sci.* **20**<sub>1</sub> (2002) 51–6.  
*Int.Conf.on Sol–Gel Materials*, WROCŁAW & ROKOSOWO, PL, 2001.06 13–16
82. **M. JASIORSKI**, H.Podbielska, **W. STREK**, I.Marciniak, M.Stankiewicz,  
**Customized Safety Features by Measuring of Spectral Characteristics of IR Sensitive Taggants.**  
*Proc. SPIE* **4677** (2002.02) 145–9. [\[DOI\]](#)  
*4th Int.Conf.on Optical Security and Counterfeit Deterrence Techniques*, SAN JOSE, CA, US, 2002.01 19–25
83. T.Jaworska-Gołąb, Ł.Gondek, A.Szytuła, **A. ZYGMUNT**, B.Penc, J.Leciejewicz, S.Baran, N.Stüßer,  
**Neutron Diffraction and Magnetization Studies of Pseudoternary HoRh<sub>2-x</sub>Pd<sub>x</sub>Si<sub>2</sub> Solid Solutions (0 ≤ x < 2).**  
*J. Phys. Cond. Matt.* **14**<sub>21</sub> (2002) 5315–23. [\[DOI\]](#)
84. **D. KACZOROWSKI**, Yu.N.Grin,  
**Magnetic Behavior in CeT<sub>0.6</sub>Ga<sub>6</sub> (T = Ni and Cu) Compounds.**  
*Solid State Commun.* **122**<sub>12</sub> (2002) 637–40. [\[DOI\]](#)
85. **D. KACZOROWSKI**, M.Potel, H.Noël,  
**Crystal Structure of a Novel Uranium Nickel Phosphide U<sub>6</sub>Ni<sub>15</sub>P<sub>10</sub>.**  
*J. Alloy. Compd.* **347**<sub>1/2</sub> (2002) 128–30. [\[DOI\]](#)
86. **D. KACZOROWSKI**, **R. TROĆ**, T.Kagayama, F.Honda, G.Oómi,  
**Effect of Pressure on the Electrical Resistivity of UCu<sub>5</sub>In Single Crystals.**  
*Solid State Commun.* **122**<sub>10</sub> (2002) 527–9. [\[DOI\]](#)
87. **D. KACZOROWSKI**, **R. TROĆ**, T.Komatsubara, **C. SUŁKOWSKI**, **H. MISIOREK**,  
**Single Crystal Study on a Dense KONDO Antiferromagnet UCu<sub>5</sub>In.**  
*Physica B* **312/313** (2002.03) 300–1. [\[DOI\]](#)  
*Int.Conf.on Strongly Correlated Electron Systems*, ANN ARBOR, MI, US, 2001.08 06–10
88. A.Kamińska, A.Suchocki, K.Gościński, L.Dobaczewski, **P.J. DEREŃ**, **W. STREK**,  
**High-Pressure Spectroscopy of Cr<sup>3+</sup>-Doped MgO–2.5Al<sub>2</sub>O<sub>3</sub> Non-Stoichiometric Green Spinel.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 193–6. [\[DOI\]](#)  
*5th Int.Conf.on Excited States of Transition Elements*, ŁĄDEK Zdrój, PL, 2001.06 06–11
89. A.A.Kaminskiĭ, P.Becker, L.Bohaty, K.Ueda, K.Takaichi, **J. HANUZA**, **M. MAĆZKA**, H.J.Eichler, G.M.A.Gad,  
**Monoclinic Bismuth Triborate BiB<sub>3</sub>O<sub>6</sub> – A New Efficient χ<sup>(2)</sup> + χ<sup>(3)</sup>-Nonlinear Crystal: Multiple Stimulated RAMAN Scattering and Self-Sum-Frequency Lasing Effects.**  
*Opt. Commun.* **206**<sub>1–3</sub> (2002) 179–91.



90. A.A.Kaminskiĭ, E.Haussühl, J.Hulliger, K.Ueda, K.Takaichi, **J. HANUZA**, **M. MAĆZKA**, J.Eichler, G.M.A.Gad,  
*Bis(Guanidinium) Zirconium bis(Nitrilotriacetate) Hydrate, [C(NH<sub>2</sub>)<sub>3</sub>Zr[N(CH<sub>2</sub>COO<sub>3</sub>)<sub>2</sub>·H<sub>2</sub>O – A New Crystal for RAMAN Laser Converters.*  
*phys. stat. sol. (a)* **193**<sub>1</sub> (2002) 167–78. [\[DOI\]](#)
91. A.A.Kaminskiĭ, T.Kaino, T.Taima, A.Yokoo, K.Ueda, K.Takaichi, J.Hulliger, H.J.Eichler, **J. HANUZA**, J.Fernandez, R.Balda, **M. MAĆZKA**, M.A.Gad,  
*Monocrystalline 2-Adamantylamino-5-Nitropyridine (AANP) — A Novel Organic Material for Laser RAMAN Converters in the Visible and Near-IR.*  
*Jpn. J. Appl. Phys. Lett.* **41**<sub>6A</sub> (2002) L603–5. [\[DOI\]](#)
92. A.A.Kaminskiĭ, H.Klapper, J.Hulliger, H.J.Eichler, **J. HANUZA**, K.Ueda, K.Takaichi, C.Wickleder, G.A.M.Gad, **M. MAĆZKA**,  
*High-Order Many-Photon Stimulated RAMAN Scattering in Orthorhombic Benzophenone (C<sub>13</sub>H<sub>10</sub>O) and Monoclinic α-4-Methylbenzophenone (α-C<sub>14</sub>H<sub>12</sub>O) Crystals.*  
*Laser Phys.* **12**<sub>7</sub> (2002) 1041–53.
93. N.Karbowiak, A.Mech, J.Drozdzyński, **Z. GAJEK**, N.M.Edelstein,  
*Optical Spectroscopy and Crystal-Field Analysis of U<sup>3+</sup>:Ba<sub>2</sub>YCl<sub>7</sub>.*  
*New J. Chem.* **26**<sub>11</sub> (2002) 1651–7. [\[DOI\]](#)
94. **L. KĘPIŃSKI**, **D. HRENIAK**, **W. STRĘK**,  
*Microstructure and Luminescence Properties of Nanocrystalline Cerium Silicates.*  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 203–7. [\[DOI\]](#)  
*5th Int.Conf.on Excited States of Transition Elements*, ŁAŃDEK Zdrój, PL, 2001.06 06–11
95. **L. KĘPIŃSKI**, **M. WOŁCYRZ**, **M.K. MARCHEWKA**,  
*Structure Evolution of Nanocrystalline CeO<sub>2</sub> Supported on Silica: Effect of Temperature and Atmosphere.*  
*J. Solid State Chem.* **168**<sub>1</sub> (2002) 110–8. [\[DOI\]](#)
96. Л.Ф.Кирпичникова, В.С.Шахматов, **A. PIETRASZKO**,  
*Высокотемпературный фазовый переход в ферроэластическом K<sub>2</sub>Ba(NO<sub>2</sub>)<sub>4</sub>.* [High-Temperature Phase Transition in Ferroelastic K<sub>2</sub>Ba(NO<sub>2</sub>)<sub>4</sub>.]  
*Кристаллография* **47**<sub>6</sub> (2002) 1100–5 [in Russian]. Engl. in: *Crystallogr.Rep.* **47**<sub>6</sub> (2002) 1031–5.
97. L.Kirpichnikova, V.Shakhmatov, **A. PIETRASZKO**, M.Połomska, B.Hilczler,  
*Optical Polarization and X-ray Study of High Temperature Transition in K<sub>2</sub>Ba(NO<sub>2</sub>)<sub>4</sub> Crystals and Theoretical Analysis.*  
*Ferroelectrics* **269**<sub>1–4</sub> (2002) 851–6. [\[DOI\]](#)  
*10th Int.Meet.on Ferroelectricity*, MADRID, ES, 2001.09 03–07
98. **J. KLAMUT**,  
*Gdzie fizyka ma szukać szans w XXI wieku? [Where Should Physics Seek Chances in 21st Century?]*  
*Post. Fizyki* **53**<sub>4</sub> (2002) 193–200 [in Polish].
99. **P.W. KLAMUT**, B.Dabrowski, S.M.Mini, S.Kolesnik, M.Maxwell, A.Shengelaya, R.Khasanov, H.Keller, I.Savić, **C. SUŁKOWSKI**, **M. MATUSIAK**, A.Wiśniewski, R.Puźniak, I.Fita,  
*On the Magnetic and Superconducting Properties of Ru<sub>1-x</sub>Sr<sub>2</sub>RECu<sub>2+x</sub>O<sub>8-d</sub>, RE = Gd, Eu, Compounds.*  
*J. Appl. Phys.* **91**<sub>10</sub> (2002) 7134–6 [pt II]. [\[DOI\]](#)  
*46th Ann.Conf.on Magnetism & Magnetic Materials*, SEATTLE, WA, US, 2001.11 12–16
100. **R. KLIMKIEWICZ**, **H. GRABOWSKA**, H.Teterycz, L.Syper, A.Biskupski, J.Rakoczy,  
*Possibility of Waste Alcohols Usage.*  
*Sci.Pap. Inst.Chem. & Technol.Petrol.Coal (Wrocław) Nr 57 Ser.Conf. Nr 10* (2002) 223–7.

101. **R. KLIMKIEWICZ**, H.Teterycz,  
Transformation of Methyl Laurate to Tricosanone-12 over Sn–Ce–Rh–O Catalyst.  
*React. Kinet. Catal. Lett.* **75**<sub>1</sub> (2002) 165–8. [DOI]
102. **G. KONTRYM-SZNAJD**, **A. JURA**, **M. SAMSEL-CZEKAŁA**,  
Special Directions in the BRILLOUIN Zone.  
*Appl. Phys. A* **74**<sub>5</sub> (2002) 605–12. [DOI]
103. **G. KONTRYM-SZNAJD**, **M. SAMSEL-CZEKAŁA**, **A. PIETRASZKO**, H.Sormann, S.Manninen,  
S.Huotari, K.Hämäläinen, J.Laukkanen, R.N.West, W.Schülke,  
Electron Momentum Density in Yttrium.  
*Phys. Rev. B* **66** (2002) 15 5110 (10). [DOI]
104. **T.K. KOPEĆ**,  
Superconducting Phase Coherence and Pairing Gap in the Three-Dimensional Attractive  
HUBBARD Model.  
*Phys. Rev. B* **65** (2002) 05 4509 (12). [DOI]
105. **T.K. KOPEĆ**,  
UEMURA Relation in Phase-Fluctuation-Dominated Superconductors.  
*Phys. Rev. B* **66** (2002) 18 4504 (7). [DOI]
106. **T.K. KOPEĆ**, **T.P. POLAK**,  
Ground-State Properties of Charge and Magnetically Frustrated Two-Dimensional Quantum  
JOSEPHSON Junction Arrays.  
*Phys. Rev. B* **66** (2002) 09 4517 (9). [DOI]
107. **J. KRAWCZYK**, **A. PIETRASZKO**, **K. ŁUKASZEWICZ**,  
Diffuse X-ray Scattering and Reverse Monte Carlo Simulation of the Short-Range Order in  
Ytterbium Iodine Phthalocyanine [YbPc<sub>2</sub>]I<sub>2</sub>.  
*Acta Cryst. B* **58**<sub>4</sub> (2002) 622–6. [DOI]
108. R.Kruk, R.Kmieć, **P.W. KLAMUT**, B.Dabrowski, D.E.Brown, M.Maxwell, C.W.Kimball,  
Magnetic Behavior of Superconducting RuSr<sub>2</sub>GdCu<sub>2</sub>O<sub>8</sub> Studied by <sup>155</sup>Gd and <sup>99</sup>Ru Mössbauer  
Spectroscopy and Susceptibility Measurements.  
*Physica C* **370**<sub>2</sub> (2002) 71–8. [DOI]
109. **T. KRZYSZTOŃ**, **K. ROGACKI**,  
Two-Step Flux Penetration in Classic Antiferromagnetic Superconductor.  
*Eur. Phys. J. B* **30**<sub>2</sub> (2002) 181–7. [DOI]
110. **R. KUBIAK**, **J. JANCZAK**, **M. ŚLEDŹ**,  
Crystal Structures of 2- and 3-Cyanopyridine.  
*J. Mol. Struct.* **610**<sub>1–3</sub> (2002) 59–64. [DOI]
111. S.Küick, **I. SOKÓLSKA**,  
Observation of Photon Cascade Emission in Pr<sup>3+</sup>-Doped LuF<sub>3</sub> and BaMgF<sub>4</sub>.  
*Chem. Phys. Lett.* **364**<sub>3/4</sub> (2002) 273–8. [DOI]
112. S.Küick, **I. SOKÓLSKA**,  
High Energetic Transitions in Pr<sup>3+</sup>-Doped Polycrystalline LiCaAlF<sub>6</sub> and LiSrAlF<sub>6</sub>.  
*J. Electrochem. Soc.* **149**<sub>2</sub> (2002) J27–30. [DOI]
113. J.Legendziewicz, **W. STRĘK**, J.Sokolnicki, **D. HRENIAK**, V.Zolin,  
Optical Properties of Nd<sup>3+</sup> in Silica Ceramics Obtained by the Sol–Gel Method.  
*Opt. Mater.* **19**<sub>1</sub> (2002) 175–81. [DOI]  
*2nd Int.Symp.on Laser, Scintillator and Nonlinear Optical Materials*, LYON, FR, 2000.05 28–31

114. **R. LEMAŃSKI**, J.K.Freericks, **G. BANACH**,  
**Stripe Phases in the Two-Dimensional FALICOV–KIMBALL Model.**  
*Phys. Rev. Lett.* **89** (2002) 19 6403 (4). [\[DOI\]](#)
115. **L. LIPIŃSKI**, **A. SZMYRKA-GRZEBYK**, **H. MANUSZKIEWICZ**, **A. KOWAL**,  
**Nowa generacja kriogenicznych wzorców temperatury.** [New Generation of Cryogenic Temperature Standards.]  
*Metrol. Meas. Syst.* **9**<sub>1</sub> (2002) 67-84 [in Polish].
116. K.C.Lobring, C.E.Check, J.H.Zhang, S.J.Li, C.Zheng, **K. ROGACKI**,  
**Single Crystal Growth, Bonding Analysis and Superconductivity of V<sub>2</sub>Ga<sub>5</sub>.**  
*J. Alloy. Compd.* **347**<sub>1/2</sub> (2002) 72–8. [\[DOI\]](#)
117. L.Lorenc, E.Kucharska, J.Michalski, **J. HANUZA**, **E. MUGEŃSKI**, H.Chojnacki,  
**Excited Electronic States of 2-Ethylamino-(3- or 5-Methyl)-4-Nitropyridine.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 257–66. [\[DOI\]](#)  
*6th Int.Conf.on Molecular Spectroscopy*, WROCLAW & LADEK Zdrój, PL, 2001.09 29 –.10 03
118. **B. MACALIK**, **L. KRAJCZYK**, **J. OKAL**, **T. MORAWSKA-KOWAL**, **K.D. NIERZEWSKI**,  
**M. SUSZYŃSKA**,  
**Preparation and Optical Properties of Soda–Lime Silicate Glasses Partially Substituted by Copper.**  
*Rad. Eff. Def. Solids* **157**<sub>6–12</sub> (2002) 887–93. [\[DOI\]](#)  
*9th Eur.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
119. **B. MACALIK**, **T. MORAWSKA-KOWAL**,  
**Coloration Processes in Soda–Lime Silicate Glasses.**  
*Nucl. Instr. Meth. B* **191** (2002.05) 379–81. [\[DOI\]](#)  
*11th Int.Conf.on Radiation Effects in Insulators*, LISBON, PT, 2001.09 03–07
120. **L. MACALIK**,  
**Comparison of the Spectroscopic and Crystallographic Data of Tm<sup>3+</sup> in the Different Hosts: KLn(MO<sub>4</sub>)<sub>2</sub> where Ln = Y, La, Lu and M = Mo, W.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 226–32. [\[DOI\]](#)  
*5th Int.Conf.on Excited States of Transition Elements*, LADEK Zdrój, PL, 2001.06 06–11
121. **L. MACALIK**, **J. HANUZA**, A.A.Kaminskiĭ,  
**Polarized Infrared and RAMAN Spectra of KGd(WO<sub>4</sub>)<sub>2</sub> and Their Interpretation Based on Normal Coordinate Analysis.**  
*J. Raman Spectr.* **33**<sub>2</sub> (2002) 92–103. [\[DOI\]](#)
122. **M. MAĆZKA**, **J. HANUZA**, A.F.Fuentes, U.Amador,  
**Vibrational Characteristics of New Double Tungstates Li<sub>2</sub>M<sup>II</sup>(WO<sub>4</sub>)<sub>2</sub> (M = Co, Ni and Cu).**  
*J. Raman Spectr.* **33**<sub>1</sub> (2002) 56–61. [\[DOI\]](#)
123. **M. MAĆZKA**, **J. HANUZA**, N.Sidorov, S.Kojima,  
**Study of Thermal Disordering of the KSc(WO<sub>4</sub>)<sub>2</sub> Crystal Structure by RAMAN Spectroscopy.**  
*Mater. Sci.* **20**<sub>1</sub> (2002) 105–10.
124. T.Maksimova, **K. HERMANOWICZ**, **J. HANUZA**, U.Happek,  
**Absorption and Luminescence Spectroscopy of the MnO<sub>4</sub> Centers in Alkali Halide Crystals.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 239–43. [\[DOI\]](#)  
*5th Int.Conf.on Excited States of Transition Elements*, LADEK Zdrój, PL, 2001.06 06–11
125. G.E.Malashkevich, G.I.Semkova, **W. STREK**,  
**Influence of Preparation Redox Conditions and Composition of Ce-Containing Silica Gel–Glass on Its Absorption Spectrum in the Visible Region.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 244–6. [\[DOI\]](#)  
*5th Int.Conf.on Excited States of Transition Elements*, LADEK Zdrój, PL, 2001.06 06–11

126. **M.K. MARCHEWKA**,  
**Infrared and RAMAN Spectra of Melaminium Chloride Hemihydrate.**  
*Mater. Sci. Eng. B* **95**<sub>3</sub> (2002) 214–21. [\[DOI\]](#)
127. **M.K. MARCHEWKA, H. RATAJCZAK**,  
**Vibrational and Thermal Behavior of Melaminium Butyrate Crystals.**  
*Bull. Pol. Ac. Chem.* **50**<sub>3</sub> (2002) 335–45.
128. **K. MARUSZEWSKI, M. JASIORSKI, W. STRĘK**,  
**Spectroscopic Behavior of 1,1'-Diethyl-2,2'-Dicarbocyanine Iodide in Ethanol-Water Solutions with High Ionic Strength.**  
*J. Mol. Struct.* **610**<sub>1-3</sub> (2002) 187–90. [\[DOI\]](#)
129. L.Q.Minh, N.T.Huong, C.Barthou, P.Benalloul, **W. STRĘK**, T.K.Anh,  
**Eu<sup>3+</sup>- and Er<sup>3+</sup>-Doped SiO<sub>2</sub>-TiO<sub>2</sub> Sol-Gel Films for Active Planar Waveguides.**  
*Mater. Sci.* **20**<sub>2</sub> (2002) 47–52.  
*Int.Conf.on Sol-Gel Materials, WROCŁAW & ROKOSOWO, PL, 2001.06* 13–16
130. **W. MIŚTA, M. ZAWADZKI, H. GRABOWSKA**,  
**TPR-TPD Studies of CuO/ZnAl<sub>2</sub>O<sub>4</sub> Catalyst Prepared by Hydrothermal Method.**  
*Sci.Pap. Inst.Chem.& Technol.Petrol.Coal (Wrocław)* Nr 57 Ser.Conf. Nr 10 (2002) 407–12.  
*4th Int.Conf.on Catalysis and Adsorption in Fuel Processing and Environmental Protection, KUDOWA Zdrój, PL, 2002.09* 18–21
131. A.Murasik, **A. CZOPNIK**, L.Keller, T.Konter,  
**Low Temperature Magnetic Behavior of TmIn<sub>3</sub>.**  
*phys. stat. sol. (a)* **189**<sub>2</sub> (2002) R7–9. [\[DOI\]](#)
132. A.Murasik, **A. CZOPNIK**, L.Keller, M.Zolliker, N.Shitsevalova, Y.Paderno,  
**Unconventional Magnetic Behavior of TbB<sub>12</sub> at Low Temperature.**  
*phys. stat. sol. (b)* **234**<sub>3</sub> (2002) R13–5. [\[DOI\]](#)
133. **B. NOWAK**,  
**Nuclear Spin-Lattice Relaxation in Transition Metal Alloys and Intermetallics.**  
*Solid State NMR* **21**<sub>1/2</sub> (2002) 53–60. [\[DOI\]](#)
134. **B. NOWAK, J. POŹNIAK-FABROWSKA**, A.Szajek, J.Morkowski, M.Tkacz,  
**Electronic Band Structure Calculation and Nuclear Spin-Lattice Relaxation in Chromium Hydrides.**  
*J. Alloy. Compd.* **340**<sub>1/2</sub> (2002) 67–73. [\[DOI\]](#)
135. **J. OKAL**,  
**Hydrogen and Oxygen Adsorption on Re/ $\gamma$ -Al<sub>2</sub>O<sub>3</sub> Catalyst of Low Metal Content.**  
*Pol. J. Chem.* **76**<sub>10</sub> (2002) 1505–8.
136. M.R.L.Oliveira, H.P.Vieira, G.J.Perpétuo, **J. JANCZAK**, V.M.De Bellis,  
**Syntheses, Crystal Structure and Spectroscopic Characterization of Novel N-R-Sulfonyldithiocarbamate and Triphenylphosphine Nickel(II) Complexes.**  
*Polyhedron* **21**<sub>22</sub> (2002) 2243–50. [\[DOI\]](#)
137. E.Osiac, **I. SOKÓLSKA**, S.Küek,  
**Evaluation of the Up-conversion Mechanisms in Ho<sup>3+</sup>-Doped Crystals: Experiment and Theoretical Modelling.**  
*Phys. Rev. B* **65** (2002) 23 5119 (13). [\[DOI\]](#)

138. Л.С.Парфеньева, И.А.Смирнов, **Н. MISIOREK, J. МУЧНА, А. JEŹOWSKI**, F.Ritter, W.Assmus,  
**Нестандартное поведение теплопроводности кристаллической решетки и числа Лоренца в системе  $\text{YbIn}_{1-x}\text{Cu}_{4+x}$** . [Unusual Behavior of the Lattice Thermal Conductivity and of the LORENZ Number in the  $\text{YbIn}_{1-x}\text{Cu}_{4+x}$  System].  
*Физ. Твёрд. Тела* **44**<sub>7</sub> (2002) 1162–7 [in Russian]. Engl. in: *Phys. Solid State* **44**<sub>7</sub> (2002) 1212–7. [DOI]
139. C.Parks, N.S.Sullivan, **P. STACHOWIAK**,  
**Investigation of Multiple-Spin Exchange in 2D Films of  $^3\text{He}$ : NMR Studies.**  
*Int. J. Mod. Phys. B* **16**<sub>20–22</sub> (2002) 3123–6.  
*4th Int.Conf.on Physical Phenomena at High Magnetic Fields*, SANTA FE, NM, USA, 2001.10 19–25
140. G.J.Perpétuo, **J. JANCZAK**,  
**Melaminium Acetate Acetic Acid Solvate Monohydrate.**  
*Acta Cryst. C* **58**<sub>2</sub> (2002) o112–4. [DOI]
141. G.J.Perpétuo, **J. JANCZAK**,  
**3-Amino-1,2,4-Triazine.**  
*Acta Cryst. C* **58**<sub>7</sub> (2002) o431–2. [DOI]
142. **A. PIETRASZKO**, W.Bronowska, A.Wojciechowska, Z.Staszak, M.Cieślak-Golonka,  
**One-, Two- and Non-Coordinated  $\text{CrO}_4^{2-}$  Entity in the Nickel(II) Complexes. Structural and Spectroscopic Investigation.**  
*Pol. J. Chem.* **76**<sub>2/3</sub> (2002) 309–24.
143. **A. PIKUL, D. KACZOROWSKI**, P.Rogl,  
**Magnetic Properties of Ce–Ni–Ge Compounds.**  
*Physica B* **312/313** (2002.03) 422–4. [DOI]  
*Int.Conf.on Strongly Correlated Electron Systems*, ANN ARBOR, MI, US, 2001.08 06–10
144. **T. PLACKOWSKI**, Yu-Xing Wang, A.Junod,  
**Specific Heat and Magnetocaloric Effect Measurements Using Commercial Heat-Flow Sensors.**  
*Rev. Sci. Instr.* **73**<sub>7</sub> (2002) 2755–65. [DOI]
145. G.O.Puchkovska, S.P.Makarenko, V.D.Danchuk, A.P.Kravchuk, **J. BARAN**, E.N.Kotelnikova, S.K.Filatov,  
**Dynamics of Molecules and Phase Transitions in the Crystals of Pure and Binary Mixtures of  $n$ -Paraffins.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 159–66. [DOI]  
*6th Int.Conf.on Molecular Spectroscopy*, WROCLAW & LADEK Zdrój, PL, 2001.09 29 –.10 03
146. K.Rečko, K.Szymański, L.Dobrzyński, D.Satuła, **W. SUSKI, K. WOCHOWSKI**, G.André, F.Bourée, A.Hoser,  
**Magnetism of the  $\text{UF}_{e_x}\text{Al}_{12-x}$  Alloys.**  
*J. Alloy. Compd.* **334**<sub>1/2</sub> (2002) 58–67. [DOI]
147. **K. ROGACKI**, A.Gilewski, M.Newson, H.Jones, B.A.Glowacki, **J. KLAMUT**,  
**Pulsed Transport Critical Currents of Bi2212 Tapes in Pulsed Magnetic Fields.**  
*Supercond. Sci. Technol.* **15**<sub>7</sub> (2002) 1151–5. [DOI]
148. L.Romaka, B.Penc, S.Baran, J.Leciejewicz, A.Szytuła, N.Stüßer, J.Hernández-Velasco, **A. ZYGMUNT**,  
**Magnetic Structures of  $R\text{NiSn}_2$  ( $R = \text{Tb, Dy, Ho}$ ) Compounds.**  
*J. Alloy. Compd.* **343**<sub>1/2</sub> (2002) 66–70. [DOI]
149. **A. RUBASZEK**, Z.Szotek, W.M.Temmerman,  
**Understanding Electron–Positron Momentum Densities in Paramagnetic Chromium.**  
*Phys. Rev. B* **65** (2002) 12 5104 (5). [DOI]

150. **W. RYBA-ROMANOWSKI, S. GOŁĄB<sup>†</sup>, G. DOMINIAK-DZIK, P. SOLARZ,**  
**Eu<sup>3+</sup> Luminescence and Gd<sup>3+</sup>-Eu<sup>3+</sup> Energy Transfer in K<sub>5</sub>Li<sub>2</sub>GdF<sub>10</sub>:Eu<sup>3+</sup>.**  
*Appl. Phys. A* **74**<sub>4</sub> (2002) 581–6. [\[DOI\]](#)
151. **W. RYBA-ROMANOWSKI, S. GOŁĄB<sup>†</sup>, P. SOLARZ, G. DOMINIAK-DZIK, T.Łukasiewicz,**  
**Anti-STOKES Emission in Undoped YVO<sub>4</sub>.**  
*Appl. Phys. Lett.* **80**<sub>7</sub> (2002) 1183–5.
152. T.Sakakibara, T.Tayama, K.Tenya, M.Yokoyama, H.Amitsuka, D.Aoki, Y.Ōnuki, **Z. KLETOWSKI,**  
 S.Kunii,  
**Multipole Ordering in f-Electron Systems.**  
*J. Phys. Chem. Solids* **63**<sub>6–8</sub> (2002) 1147–53. [\[DOI\]](#)  
*8th ISSP Int.Symp. (Kashiwa 2001) on Correlated Electrons*, CHIBA, JP, 2001.10 02–05
153. V.V.Shimanovskaya, T.A.Khalyavka, G.A.Puchkovskaya, T.V.Bezrodna, V.V.Strelko, T.S.Veblaya,  
**J. BARAN, H. RATAJCZAK,**  
**Vibrational Spectra and the Structure Peculiarity of TiO<sub>2</sub> Different Polycrystalline Forms.**  
*Proc. SPIE* **4938** (2002.12) 315–22. [\[DOI\]](#)  
*15th Int.Sch.-Semin.on Spectroscopy of Molecules and Crystals*, CHERNIHIV, UA, 2001.06 23–30
154. Y.Skourski, I.Tereshina, S.Wirth, **H. DRULIS, N.Mattern, D.Eckert, S.Nikitin, K.H.Müller,**  
**Magnetocrystalline Anisotropy of SmFe<sub>11-x</sub>Co<sub>x</sub>TiH<sub>y</sub>.**  
*IEEE Trans. Magn.* **38**<sub>5</sub> (2002) 2931–3 [pt I].
155. A.Ślebarski, M.Radłowska, T.Zawada, M.B.Maple, A.Jezierski, **A. ZYGMUNT,**  
**Experimental Study of the Physical Properties in the Complex Magnetic Phase Diagram of Ce<sub>1-x</sub>La<sub>x</sub>RhSn.**  
*Phys. Rev. B* **66** (2002) 10 4434 (10). [\[DOI\]](#)
156. A.Ślebarski, M.Radłowska, **A. ZYGMUNT, A.Jezierski,**  
**Electronic Structure Studies of CeRhSb with Rh Substituted by Pd and Ni.**  
*Phys. Rev. B* **65** (2002) 20 5110 (8). [\[DOI\]](#)
157. A.Ślebarski, A.Wrona, T.Zawada, A.Jezierski, **A. ZYGMUNT, K.Szot, S.Chiuzbaian, M.Neumann,**  
**Electronic Structure of Some HEUSLER Alloys Based on Aluminum and Tin.**  
*Phys. Rev. B* **65** (2002) 14 4430 (7). [\[DOI\]](#)
158. **I. SOKÓLSKA,**  
**Infrared-to-Visible Conversion of Radiation in Some Ho<sup>3+</sup>-Doped Oxide and Fluoride Crystals.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 288–93. [\[DOI\]](#)  
*5th Int.Conf.on Excited States of Transition Elements*, ŁĄDEK Zdrój, PL, 2001.06 06–11
159. **P. SOLARZ, I. SOKÓLSKA, W. RYBA-ROMANOWSKI,**  
**Photoluminescence of K<sub>5</sub>Li<sub>2</sub>LaF<sub>10</sub>:Ho<sup>3+</sup> and K<sub>5</sub>Li<sub>2</sub>LaF<sub>10</sub>:Ho<sup>3+</sup>,Yb<sup>3+</sup>.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 325–31. [\[DOI\]](#)  
*6th Int.Conf.on Molecular Spectroscopy*, WROCŁAW & ŁĄDEK Zdrój, PL, 2001.09 29 –.10 03
160. P.Starynowicz, K.Bukietyńska, **S. GOŁĄB<sup>†</sup>, W. RYBA-ROMANOWSKI, J.Sokolnicki,**  
**Europium (II) Complexes with Benzo-18-Crown-6.**  
*Eur. J. Inorg. Chem.* Nr 9 (2002) 2344–7.
161. **W. STREK, E.Zych, D. HRENIAK,**  
**Size Effects on Optical Properties of Lu<sub>2</sub>O<sub>3</sub>:Eu<sup>3+</sup> Nanocrystallites.**  
*J. Alloy. Compd.* **344**<sub>1/2</sub> (2002) 332–6. [\[DOI\]](#)  
*Rare Earths 2001 Brazil Conf.*, CAMPOS do JORDAO (São Paulo), SP, BR, 2001.09 22–26



162. **W. SUSKI, A. CZOPNIK, K. WOCHOWSKI,**  
**Magnetic, Electrical and Thermodynamic Properties of the  $UCu_{4-x}Cr_xAl_8$  System.**  
*J. Nucl. Sci. Technol.* Suppl. 3 (2002) 106–9.  
*Int.Conf. 'ACTINIDES 2001'*, HAYAMA, JP, 2001.11 04–09
163. **W. SUSKI, K. WOCHOWSKI, D. BADURSKI,**  
**Magnetic and Electrical Properties of the  $UCu_4Al_{8-x}Ga_x$ .**  
*Physica B* **312/313** (2002.03) 286–8.  
*Int.Conf.on Strongly Correlated Electron Systems*, ANN ARBOR, MI, US, 2001.08 06–10
164. **W. SUSKI, K. WOCHOWSKI, B.Yu.Kotur,**  
**Magnetic and Electrical Properties of  $Yb_{1-x}Sc_xFe_4Al_8$  Alloys.**  
*Czech. J. Phys.* **52** (2002) A189–92 [Suppl.A].  
*11th Czech and Slovak Conf.on Magnetism*, KOŠICE, SK, 2001.08 20–23
165. **W. SUSKI, K. WOCHOWSKI, T.Mydlarz, B.Belan,**  
**Magnetic Properties of  $RMn_{12-x}Co_x$  Alloys with  $R = Nd$  and  $Sm$ .**  
*Physica B* **319**<sub>1–4</sub> (2002) 45–51. [\[DOI\]](#)
166. **J. SZNAJD,**  
**Weakly Interacting Ferromagnetic Chains in a Field.**  
*Phys. Rev. B* **65** (2002) 22 4429 (6). [\[DOI\]](#)
167. **J. SZNAJD,**  
**Renormalization-Group Approach to Weakly Interacting Spin Chains.**  
*Phys. Rev. B* **66** (2002) 10 4420 (10). [\[DOI\]](#)
168. A.Szytuła, W.Bażela, Ł.Gondek, T.Jaworska-Gołąb, B.Penc, N.Stüfer, **A. ZYGMUNT,**  
**Neutron Diffraction and Magnetization Studies of Magnetic Ordering in  $RAuIn$  ( $R = Tb, Dy, Ho$ ).**  
*J. Alloy. Compd.* **336**<sub>1/2</sub> (2002) 11–7. [\[DOI\]](#)
169. K.Takeda, M.Tanaka, T.C.Kobayashi, T.Akazawa, K.Shimizu, K.Amaya, Y.Inada, **P. WIŚNIEWSKI,**  
D.Aoki, E.Yamamoto, Y.Haga, Y.Ōnuki,  
**Magnetic–Nonmagnetic Transition of  $U_3P_4$  at High Pressures.**  
*J. Nucl. Sci. Technol.* Suppl. 3 (2002) 191–4.  
*Int.Conf. 'ACTINIDES'01'*, HAYAMA, JP, 2001.11 04–09
170. J.Tarasiewicz, R.Jakubas, **J. BARAN,**  
**RAMAN Studies of the Anionic Sublattice Vibrations in  $(C_5H_5NH)_6Bi_4Cl_{18}$ .**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 333–8. [\[DOI\]](#)  
*6th Int.Conf.on Molecular Spectroscopy*, WROCŁAW & ŁĄDEK Zdrój, PL, 2001.09 29 –.10 03
171. H.Teterycz, **R. KLIMKIEWICZ, H. GRABOWSKA,**  
 **$CeO_2$  i stabilizowany  $ZrO_2$  jako potencjalne katalizatory ketonizacji odpadowych alkoholi.** [ $CeO_2$   
and Stabilized  $ZrO_2$  as Potential Catalysts of Waste Alcohols Ketonization.]  
*Chem. Inżyn. Ekolog.* **9**<sub>5/6</sub> (2002) 655–8 [in Polish].
172. **P.E. TOMASZEWSKI,**  
**Jan CZOCHRALSKI—Father of the *Czochralski method*.**  
*J. Cryst. Growth* **236**<sub>1–3</sub> (2002) 1–4. [\[DOI\]](#)
173. **P.E. TOMASZEWSKI, A. PIETRASZKO, M. MĄCZKA, J. HANUZA,**  
 **$CsAl(MoO_4)_2$ .**  
*Acta Cryst. E* **58**<sub>1</sub> (2002) i119–20. [\[DOI\]](#)

174. A.Tomkiewicz, B.Korybut-Daszkiewicz, **A. ZYGMUNT**, J.Mroziński,  
**Ferrimagnetic Chain Compounds [CuL]ReCl<sub>6</sub>·H<sub>2</sub>O and [CuL]ReBr<sub>6</sub> (where  
L = 6, 13 – bis(Dodecylaminomethylidene)-1,4,8,11- Tetrazacyclotetradeca- 4,7,11,14- Tetraene).**  
*J. Mol. Struct.* **613**<sub>1–3</sub> (2002) 115–9. [\[DOI\]](#)
175. Z.Tomkowicz, M.Bałanda, **A.J. ZALESKI**,  
**AC and DC Magnetic Studies of Critical Currents in Ceramics  
of the Ho<sub>1–x</sub>Pr<sub>x</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7–d</sub> System.**  
*Physica C* **370**<sub>4</sub> (2002) 259–68. [\[DOI\]](#)
176. **V.H. TRAN**, S.Paschen, M.Baenitz, A.Rabis, F.Steglich, P.deV.du Plessis, A.M.Strydom,  
**U<sub>2</sub>Ru<sub>2</sub>Sn: A New KONDO Insulator ?**  
*Physica B* **312/313** (2002.03) 215–7. [\[DOI\]](#)  
*Int.Conf.on Strongly Correlated Electron Systems*, ANN ARBOR, MI, USA, 2001.08 06–10
177. **V.H. TRAN**, F.Steglich, G.André,  
**Antiferromagnetic Order with Short Correlation Length and KONDO Interactions in U<sub>2</sub>PdGa<sub>3</sub>  
and U<sub>2</sub>PtGa<sub>3</sub>.**  
*Phys. Rev. B* **65** (2002) 13 4401 (9). [\[DOI\]](#)
178. **V.H. TRAN**, **R. TROĆ**, **J. STEPIEŃ-DAMM**, T.Komatsubara, F.Steglich, R.Hauser, E.Bauer,  
**Heavy-Fermion Characteristics in UCu<sub>5</sub>Al Single Crystals.**  
*Phys. Rev. B* **66** (2002) 05 4421 (9). [\[DOI\]](#)
179. J.Trawczyński, B.Białobok, **M. ZAWADZKI**,  
**La–Co Perovskite Catalysis — Preparation, Structure and Application for Organics Combustion.**  
*Sci.Pap. Inst.Chem. & Technol.Petrol.Coal (Wrocław)* Nr 57, *Ser.Conf.* Nr 10 (2002) 177–82.  
*4th Int.Conf.on Catalysis and Adsorption in Fuel Processing and Environmental Protection*, KUDOWA-Zdrój, PL,  
2002.09 18–21
180. J.Trawczyński, A.Kubacki, **J. WRZYSZCZ**, **M. ZAWADZKI**, **H. GRABOWSKA**, **W. MIŚTA**,  
**Zinc Aluminates as Supports for HDS Catalysts.**  
*React. Kinet. Catal. Lett.* **76**<sub>2</sub> (2002) 259–64. [\[DOI\]](#)
181. **R. TROĆ**, H.Noël, P.Bourlet,  
**Magnetotransport of Compounds in the U–Ge System.**  
*Phil. Mag. B* **82**<sub>7</sub> (2002) 805–24.
182. P.Vajda, **O.J. ŻOGAŁ**,  
**Interaction of Hydrogen with Magnetism in Y–Gd Alloys.**  
*J. Alloy. Compd.* **330-2** (2002.01 17) 381–3. [\[DOI\]](#)  
*Int.Symp.on Metal-Hydrogen Systems, Fundamentals and Applications (MH2000)* NOOSA HEADS, Qld, AU,  
2000.10 01–06
183. A.H.Vuorimäki, E.E.Ylinen, **B. NOWAK**, **O.J. ŻOGAŁ**,  
**From Metallic to Insulating Regime in Y–H(D) System: <sup>89</sup>Y NMR Study.**  
*Solid State Commun.* **122**<sub>9</sub> (2002) 469–72. [\[DOI\]](#)
184. **A. WAŚKOWSKA**, L.Gerward, J.Staun Olsen, E.Malicka,  
**Temperature- and Pressure-Induced Lattice Distortion in CdCr<sub>2–x</sub>Ga<sub>x</sub>Se<sub>4</sub> (x = 0, 0.06, and 0.12).**  
*J. Phys. Cond. Matt.* **14**<sub>47</sub> (2002) 12 423–31.
185. **R. WAWRYK**, **T. CICHOREK**, **Z. HENKIE**, C.Geibel, F.Steglich,  
**Transport Properties of URhGa<sub>5</sub> Single Crystals.**  
*phys. stat. sol. (b)* **232**<sub>1</sub> (2002) R4–6. [\[DOI\]](#)

186. A.Wojakowska, A.Górniak, **A. WOJAKOWSKI**,  
**Phase Equilibrium Diagram of the System Silver Bromide – Cadmium Dibromide.**  
*High Temp.- High Press.* **34**<sub>3</sub> (2002) 349–53.
187. A.Wojciechowska, W.Bronowska, **A. PIETRASZKO**, Z.Staszak, M.Cieślak-Golonka,  
**Synthesis, Crystal Structure and Spectroscopic Characterization of Double Salt**  
**[Zn(bpy)<sub>3</sub>](CrO<sub>4</sub>)<sub>0.5</sub>NO<sub>3</sub> · 5H<sub>2</sub>O.**  
*J. Mol. Struct.* **608**<sub>2/3</sub> (2002) 151–60. [DOI]
188. **P. WRÓBEL**, R.Eder,  
**Excitons in MOTT Insulators.**  
*Phys. Rev. B* **66** (2002) 03 5111 (5). [DOI]
189. **J. WRZYSZCZ**, **W. MIŚTA**, **D. HRENIAK**, **W. STREK**, **M. ZAWADZKI**, **H. GRABOWSKA**,  
**Preparation and Optical Properties of Nanostructured Europium-Doped  $\gamma$ -Al<sub>2</sub>O<sub>3</sub> .**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 358–61. [DOI]  
*5th Int.Conf.on Excited States of Transition Elements*, ŁĄDEK Zdrój, PL, 2001.06 06–11
190. **J. WRZYSZCZ**, **M. ZAWADZKI**, A.M.Trzeciak, J.J.Ziółkowski,  
**Rhodium Complexes Supported on Zinc Aluminate Spinel as Catalysts for Hydroformylation and Hydrogenation: Preparation and Activity.**  
*J. Mol. Catal. A* **189**<sub>2</sub> (2002) 203–10.
191. D.F.Xue, K.Betzler, H.Hesse, **H. RATAJCZAK**,  
**Chemical Bond Analysis on Second Order Nonlinear Optical Properties of Na<sub>2</sub>SeO<sub>4</sub>·H<sub>2</sub>SeO<sub>3</sub>·H<sub>2</sub>O.**  
*Bull. Pol. Ac. Chem.* **50**<sub>3</sub> (2002) 289–97.
192. E.M.Yoshimura, E.Okuno, **M. SUSZYŃSKA**,  
**Gamma-Irradiated Soda–Lime Silicate Glasses of Different Origin: Isothermal Light Emission.**  
*Nucl. Instr. Meth. B* **191** (2002.05) 375–8.  
*11th Int.Conf.on Radiation Effects in Insulators*, LISBON, PT, 2001.09 03–07
193. **T.A. ZALESKI**, **T.K. KOPEĆ**,  
**Thermodynamic Properties of the SO(5) Model of High- $T_c$  Superconductivity.**  
*J. Phys. Cond. Matt.* **14**<sub>10</sub> (2002) 2621–8.
194. **T.A. ZALESKI**, **T.K. KOPEĆ**,  
**SO(5) Superconductor in a ZEEMAN Magnetic Field: Phase Diagram and Thermodynamic Properties.**  
*Phys. Rev. B* **66** (2002) 21 2504 (4). [DOI]
195. **M. ZAWADZKI**, **H. GRABOWSKA**, **W. MIŚTA**,  
**Hydrothermal Preparation and Catalytic Activity of Copper Oxide Supported on Zinc Aluminate Spinel.**  
*Sci.Pap. Inst.Chem.Technol.Petr.Coal (Wrocław)* Nr 57, *Ser.Conf.* Nr 10 (2002) 401–6.  
*4th Int.Conf.on Catalysis and Adsorption in Fuel Processing and Environmental Protection*, KUDOWA-Zdrój, PL, 2002.09 18–21
196. R.G.Zhbankov, S.P.Firsov, D.K.Buslov, N.A.Nikonenko, **M.K. MARCHEWKA**, **H. RATAJCZAK**,  
**Structural Physico-Chemistry of Cellulose Macromolecules. Vibrational Spectra and Structure of Cellulose.**  
*J. Mol. Struct.* **614**<sub>1–3</sub> (2002) 117–25. [DOI]  
*6th Int.Conf.on Molecular Spectroscopy*, WROCŁAW & ŁĄDEK Zdrój, PL, 2001.09 29 –.10 03
197. J.Ziaja, M.Jaroszewski, A.Gubański, **W. MIŚTA**,  
**Wpływ temperatury wygrzewania na właściwości warystorowe warstw ZnO.** [Influence of the Sintering Temperature on Varistor Characteristics of ZnO Thin Films.]  
*Przeł. Elektrotechn.* **78**<sub>10</sub> (2002) 302-4 [SI].  
*VI Og.pol.Symp. Inżynieria Wysokich Napięć [6th All-Polish Semin.on High Voltage Engng]* KIEKRZ (Poznań) PL, 2002.05 20–22

198. J.Ziaja, M.Jaroszewski, A.Gubański, **W. MIŚTA**,  
**Wpływ wodoru na właściwości warstw Zn–Bi–O.** [Influence of the Hydrogen Atmosphere on Properties of Zn–Bi–O Thin Films.]  
*Przeegl. Elektrotechn.* **78**<sub>10</sub> (2002) 305–7 [SI].  
 VI Og.pol.Symp. Inżynieria Wysokich Napięć [6th All-Polish Semin.on High Voltage Engng] KIEKRZ (Poznań) PL, 2002.05 20–22
199. T.Znamierowska, W.Szuskiewicz, **J. HANUZA**, **L. MACALIK**, **D. HRENIAK**, **W. STREK**,  
**Ternary Orthophosphates of the Ba<sub>3</sub>Y<sub>1-x</sub>Nd<sub>x</sub>(PO<sub>4</sub>)<sub>3</sub> Family as Possible Powder Laser Materials.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 371–5. [DOI]  
 5th Int.Conf.on Excited States of Transition Elements, ŁĄDEK-Zdrój, PL, 2001.06 06–11
200. **O.J. ŻOGAŁ**, F.Beuneu, P.Vajda, P.Florian, D.Massiot,  
<sup>7</sup>Li and <sup>6</sup>Li Magic Angle Spinning NMR Studies of Two Types of Metallic Li Colloids Formed by Electron Irradiation in LiF.  
*Phys. Rev. B* **66** (2002) 06 4101 (6). [DOI]
201. **O.J. ŻOGAŁ**, F.Beuneu, P.Vajda, P.Florian, D.Massiot,  
**Metallic Li Colloids Studied by <sup>7</sup>Li MAS NMR in Electron-Irradiated LiF.**  
*Radiat. Eff. Def. Solids* **157**<sub>6–12</sub> (2002) 1039–44. [DOI]  
 9th Eur.Conf.on Defects in Insulating Materials, WROCŁAW, PL, 2002.07 01–05
202. E.Zych, **D. HRENIAK**, **W. STREK**,  
**Spectroscopy of Eu-Doped Lu<sub>2</sub>O<sub>3</sub>-Based X-ray Phosphor.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 385–90. [DOI]  
 5th Int.Conf.on Excited States of Transition Elements, ŁĄDEK Zdrój, PL, 2001.06 06–11
203. E.Zych, **D. HRENIAK**, **W. STREK**,  
**Spectroscopic Properties of Lu<sub>2</sub>O<sub>3</sub>:Tb Nanocrystalline Powders and Sintered Ceramics.**  
*J. Phys. Chem. B* **106**<sub>15</sub> (2002) 3805–12.
204. E.Zych, **D. HRENIAK**, **W. STREK**,  
**Lu<sub>2</sub>O<sub>3</sub>:Eu – A New X-ray Phosphor.**  
*Mater. Sci.* **20**<sub>1</sub> (2002) 111–22.
205. E.Zych, **D. HRENIAK**, **W. STREK**,  
**Cathodoluminescence of Lu<sub>2</sub>O<sub>3</sub> :Tb<sup>3+</sup>.**  
*Radiat. Eff. Def. Solids* **157**<sub>6–12</sub> (2002) 983–8. [DOI]  
 9th Eur.Conf.on Defects in Insulating Materials, WROCŁAW, PL, 2002.07 01–05
206. E.Zych, **D. HRENIAK**, **W. STREK**, **L. KĘPIŃSKI**, K.Domagała,  
**Sintering Properties of Urea-Derived Lu<sub>2</sub>O<sub>3</sub>-Based Phosphors.**  
*J. Alloy. Compd.* **341**<sub>1/2</sub> (2002) 391–4. [DOI]  
 5th Int.Conf.on Excited States of Transition Elements, ŁĄDEK Zdrój, PL, 2001.06 06–11

PUBLIKACJE W MATERIAŁACH KONFERENCYJNYCH  
PUBLICATIONS IN CONFERENCE MATERIALS

207. **E. BOROŃSKI, H. STACHOWIAK,**  
**Calculation of Positron Annihilation Characteristics for Metals by Finite Difference Method.**  
In: *Proc. 33rd Polish Seminar on Positron Annihilation*, ed.by K. Jerie (Inst.of Phys., Univ.of Opole & Inst.of Exp.Phys., Univ.of Wrocław 2001) pp. 1–6.  
*33rd Polish Semin.on Positron Annihilation*, TURAWA, PL, 2001.06 11–15
208. **H. DRULIS, L. FOLCIK, N.M.Suleĭmanov,**  
**Magnetic Field Distribution around Superconducting Structures Made of Nb Wire.**  
In: *IX School on High Temperature Superconductivity*, ed.by A.Szytuła & A.Kołodziejczyk (UJ and AGH, Cracow 2002) pp. 41–48.  
*IX Szk. Nadprzewodnictwa Wysokotemperaturowego [9th Natl.Sch.of High-Temperature SuperConductivity]*  
KRYNICA/Czarny Potok, PL, 2001.06 10–14
209. B.Fellmuth, D.Head, F.Pavese, **A. SZMYRKA-GRZEBYK, W.L.Tew,**  
**Special Problems when Realizing the Triple Point of Hydrogen as a Defining Fixed Point of the ITS-90.**  
In: *Proc. 8th Int.Symp.on Temperature and Thermal Measurements in Industry and Science*, ed.by B.Fellmuth, J.Seidel, & G.Scholz, vol. 1 (VDE Verlag, Berlin u. Offenbach 2002) pp. 403–10.  
*8th Int.Symp.on Temperature and Thermal Measurements in Industry and Science [TEMPMEKO 2001]*  
BERLIN, DE, 2001.06 19–21
210. M.Gazda, B.Kusz, T.Klimczuk, **A.J. ZALESKI,**  
**The Influence of Heat Treatment on the Properties of  $\text{La}_{2-x}\text{Nd}_x\text{CuO}_{4+\delta}$  Ceramic Samples.**  
In: *IX School on High Temperature Superconductivity*, ed.by A.Szytuła & A.Kołodziejczyk (UJ and AGH, Cracow 2002) pp. 49–54.  
*IX Szk. Nadprzewodnictwa Wysokotemperaturowego [9th Natl.Sch.of High-Temperature SuperConductivity]*  
KRYNICA/Czarny Potok, PL, 2001.06 10–14
211. P.Godlewska, H.Ban-Oganowska, **L. MACALIK, J. HANUZA, W. OGANOWSKI,**  
**Vibrational Spectra and Molecular Structure of Lanthanide(III) Complexes with 3-Bromo-4-Methoxy-Pyridine N-Oxide  $\text{LnCl}_3(3\text{-Br-4-CH}_3\text{OC}_7\text{H}_7\text{NO})_3$ .**  
In: *Proc.18th Int.Conf.on Raman Spectroscopy*, ed.by J.Mink, G.Jalšovszky, & G.Keresztury (John Wiley & Sons, London 2002) pp. 613–4.  
*18th Int.Conf.on RAMAN Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
212. A.Grytsiv, P.Rogl, St.Berger, Ch.Paul, E.Bauer, C.Godart, A.Saccone, R.Ferro, **D. KACZOROWSKI,**  
**Formation, Crystal Structure and Physical Properties of Novel Thermoelectric Skutterudites:  $\text{Eu}_y\text{Fe}_{4-x}\text{Ni}_x\text{Sb}_{12}$ .**  
in: *Conference Proceedings*, ed.by \*, *Mat.Res.Soc. Symp.Proc.* vol. 691 (Materials Research Society, Warrendale, PA 2002) pp. G8.36:1–6.  
*Ann. Materials Research Society Conf.*, BOSTON, MA, USA, 2002.11 28 –.12 02
213. **K. HERMANOWICZ, M. MĄCZKA, J. HANUZA,**  
**Infrared and Polarized RAMAN Spectra of the Layered Double Aluminium Molybdates of Caesium and Rubidium.**  
In: *Proc.18th Int.Conf.on Raman Spectroscopy*, ed.by J.Mink, G.Jalšovszky, & G.Keresztury (John Wiley & Sons, London 2002) pp. 543–4.  
*18th Int.Conf.on RAMAN Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
214. **D. KACZOROWSKI, A.J. ZALESKI, O.J. ŻOGAŁ, J. KLAMUT,**  
**Incipient Superconductivity in  $\text{TaB}_2$ .**  
In: *IX School on High Temperature Superconductivity*, ed.by A.Szytuła & A.Kołodziejczyk (UJ and AGH, Cracow 2002) pp. 81–7.  
*IX Szk. Nadprzewodnictwa Wysokotemperaturowego [9th Natl.Sch.of High-Temperature SuperConductivity]*  
KRYNICA/Czarny Potok, PL, 2001.06 10–14

215. **R. KLIMKIEWICZ**, L.Syper, I.Morawski, **H. GRABOWSKA**, H.Teterycz, A.Biskupski,  
**Waste Technical Fats as Potential Source for Receiving Gemini Surfactants. The Application of Zirconium Catalyst at the Level of Ketonization.**  
 In: *Chemistry for Agriculture*, ed.by A.Pawelczyk. Vol. 3: *Chemical Products in Agriculture and Environment*, ed.by H.Górecki & Z.Dobrzański (Czech-Pol Trade, Prague 2002) pp. 102–6.  
*Semin.on Science, Industry, Technology and Marketing (Series “Chemistry for Agriculture”)* VELKE LOSINY, CZ, 2001.12 04–07
216. **T.K. KOPEĆ**, **T.A. ZALESKI**,  
**Scaling Near the Quantum-Critical Point in the Unified SO(5) Theory of Antiferromagnetism and Superconductivity.**  
 In: *IX School on High Temperature Superconductivity*, ed.by A.Szytuła & A.Kołodziejczyk (UJ and AGH, Cracow 2002) pp. 101–7.  
*IX Szk. Nadprzewodnictwa Wysokotemperaturowego [9th Natl.Sch.of High-Temperature SuperConductivity]* KRYNICA/Czarny Potok, PL, 2001.06 10–14
217. E.Kucharska, **J. HANUZA**, **M. MAĆZKA**, Z.Talik,  
**Vibrational Spectra and Conformation of the Azo- and Hydrazo-Bonds in Nitro- and -Methylnitro-Derivatives of 2,2'-Hydrazo- and Azo-Pyridines.**  
 In: *Proc.18th Int.Conf.on Raman Spectroscopy*, ed.by J.Mink, G.Jalšovszky, & G.Keresztury (John Wiley & Sons, London 2002) pp. 613–4.  
*18th Int.Conf.on RAMAN Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
218. **L. LIPIŃSKI**, **H. MANUSZKIEWICZ**, **A. SZMYRKA-GRZEBYK**, P.P.M.Steur, P.Marcarino,  
**Comparison of Temperature Values of the Mercury Triple Point Realized in Miniature and Conventional Cells.**  
 In: *Proc. 8th Int.Symp.on Temperature and Thermal Measurements in Industry and Science*, ed.by B.Fellmuth, J.Seidel, G.Scholz (VDE Verlag, Berlin u.Offenbach 2002) vol. 1, pp. 441–6.  
*8th Int.Symp.on Temperature and Thermal Measurements in Industry and Science [TEMPMEKO 2001]* BERLIN, DE, 2001.06 19–21
219. **L. MACALIK**, **J. HANUZA**,  
**Coincidence of the RAMAN and IR Spectra and the Vibronic Part of the  $\text{Eu}^{3+}$  Emission in the  $\text{KEu}(\text{WO}_4)_2$  and  $\text{KEu}(\text{MoO}_4)_2$ .**  
 In: *Proc.18th Int.Conf.on Raman Spectroscopy*, ed.by J.Mink, G.Jalšovszky, & G.Keresztury (John Wiley & Sons, London 2002) pp. 561–2.  
*18th Int.Conf.on RAMAN Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
220. **M. MAĆZKA**, **J. HANUZA**, **A. WAŚKOWSKA**,  
**RAMAN Scattering Study of Potassium Hexatungstate.**  
 In: *Proc.18th Int.Conf.on Raman Spectroscopy*, ed.by J.Mink, G.Jalšovszky, & G.Keresztury (John Wiley & Sons, London 2002) pp. 565–6.  
*18th Int.Conf.on RAMAN Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
221. J.Michalski, **J. HANUZA**, **M. MAĆZKA**, Z.Talik,  
**Vibrational Spectra and Conformation of the Azo- and Hydrazo-Bonds in 2-Phenylazo- and 2-Phenylhydrazo-Nitropyridines.**  
 In: *Proc.18th Int.Conf.on Raman Spectroscopy*, ed.by J.Mink, G.Jalšovszky, & G.Keresztury (John Wiley & Sons, London 2002) pp. 639–40.  
*18th Int.Conf.on RAMAN Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
222. F.Pavese, M.de Groot, B.Fellmuth, D.Head, Y.Hermier, **A. SZMYRKA-GRZEBYK**, L.Zanin,  
**The Project “MULTICELLS” for the Development of New Temperature Standards in the Cryogenic Range down to 2.18 K by Means of Sealed Cells.**  
 In: *Proc. 8th Int.Symp.on Temperature and Thermal Measurements in Industry and Science*, ed.by B.Fellmuth, J.Seidel, G.Scholz (VDE Verlag, Berlin u.Offenbach 2002) vol. 2, pp. 759–64.  
*8th Int.Symp.on Temperature and Thermal Measurements in Industry and Science [TEMPMEKO 2001]* BERLIN, DE, 2001.06 19–21



223. **H. STACHOWIAK, E. BOROŃSKI, A.A.Saad,**  
**The Concept of a Heavy Positron and the Positron Annihilation Rate in a Lattice.**  
In: *Proc. 33rd Polish Seminar on Positron Annihilation*, ed.by K.Jerie (Inst.of Phys., Univ.of Opole & Inst.of Exp.Phys., Univ.of Wrocław 2001) pp. 107–15.  
*33rd Polish Semin.on Positron Annihilation, TURAWA, PL, 2001.06 11–15*
224. **P. WRÓBEL,**  
**Vorticity Correlations in the Weakly Doped  $t - J$  Model.**  
In: *IX School on High Temperature Superconductivity*, ed.by A.Szytuła & A.Kołodziejczyk (UJ and AGH, Cracow 2002) pp. 261–3.  
*IX Szk. Nadprzewodnictwa Wysokotemperaturowego [9th Natl.Sch.of High-Temperature SuperConductivity]*  
KRYNICA/Czarny Potok, PL, 2001.06 10–14
225. **T.A. ZALESKI, T.K. KOPEĆ,**  
**Magnetic Correlations in the  $SO(5)$  Theory of High- $T_c$  Superconductivity.**  
In: *IX School on High Temperature Superconductivity*, ed.by A.Szytuła & A.Kołodziejczyk, (UJ and AGH, Cracow 2002) pp. 265–70.  
*IX Szk. Nadprzewodnictwa Wysokotemperaturowego [9th Natl.Sch.of High-Temperature SuperConductivity]*  
KRYNICA/Czarny Potok, PL, 2001.06 10–14

LISTA PREZENTACJI KONFERENCYJNYCH  
LIST OF CONFERENCE PRESENTATIONS

1. T.K.Anh, L.Q.Minh, N.Vu, T.T.Huong, N.T.Huong, C.Barthou, **W. STRĘK**,  
**Nanomaterials Containing Rare-Earth Ions Tb, Eu, Er and Yb: Preparation, Optical Properties and Application Potential.** (C)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter*, BUDAPEST, HU, 2002.08 24–29
2. M.Baenitz, A.Rabis, S.Paschen, N.Senthilkumaran, F.Steglich, **V.H. TRAN**, P.de V. du Plessis, A.M.Strydom,  
**Gap Formation in the Semimetal  $U_2Ru_2Sn$ , Evidence from  $^{119}Sn$  NMR Investigations.** (P)  
*23rd Int.Conf.on Low Temperature Physics*, HIROSHIMA, JP, 2002.08 20–27
3. A.Bajorek, G.Chełkowska, **R. TROĆ**,  
**Magnetization and X-ray Photoemission Spectra of  $UFe_5Sn$  Single Crystal.** (P)  
*Eur.Conf.on Physics of Magnetism*, POZNAŃ, PL, 2002.07 01–05
4. **J. BARAN**,  
**Spolaryzowane widma oscylacyjne kryształów związków glicyny.** [Polarized Vibrational Spectra of Glycine Compounds Crystals.] (I)  
*Szkoła Fizykochemii Organicznej: Nowe metody w spektroskopii molekularnej [Sch. of Organics Physics & Chemistry]*, KARPACZ, PL, 2002.06 10–15
5. **J. BARAN**,  
**Polarized RAMAN and Infrared Spectroscopy of Glycine Compounds Crystals.** (C)  
*18th Int.Conf.on Raman Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
6. A.Barla, J.P.Sanchez, B.Ni, B.P.Doyle, P.Vulliet, O.Leupold, R.Rüffer, **D. KACZOROWSKI**, J.Plessel, M.M.Abd-Elmeguid,  
**The Effect of Pressure on the Magnetic Properties of  $U(In_{1-x}Sn_x)_3$ .** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
7. J.Barzowska, M.Grinberg, Y.R.Shen, K.L.Bray, **P. DEREŃ**, **J. HANUZA**,  
**High Pressure Photoluminescence Characterization of the  $LiSc(WO_4)_2$  Crystal Doped with Chromium.** (P)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter*, BUDAPEST, HU, 2002.08 24–29
8. **A. BEDNARKIEWICZ**, **D. HRENIAK**, **P. DEREŃ**, **W. STRĘK**,  
**Hot Emission in Nd/Yb:YAG Nanoceramics.** (P)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter*, BUDAPEST, HU, 2002.08 24–29
9. **A. BEDNARKIEWICZ**, **D. HRENIAK**, **W. STRĘK**,  
**Cooperative Processes in  $Nd^{3+}/Yb^{3+}$  Co-Doped YAG Nanocrystallites.** (P)  
*9th Europhys.Conf.on Defects in Insulating Materials*, WROCŁAW, PL, 2002.07 01–05
10. **A. BEDNARKIEWICZ**, J.Kalisky, **W. STRĘK**,  
**Lasery iterbowe średniej mocy.** [Medium-Power Ytterbium Lasers.] (P)  
*VII Symp. Techniki Laserowej [7th Symp.on Laser Technology]* SZCZECIN & ŚWINOUJŚCIE, PL, 2002.09 23–27
11. **A. BEDNARKIEWICZ**, A.Kuzmin, **W. STRĘK**, **P. DEREŃ**,  
**Porównanie akcji laserowej w kryształach KYW i KGdW domieszkowanych jonami Yb w trybie pracy CW i Q-switch.** [Comparison of Lasing in KYW and KGdW Crystals Doped with Yb Ions in CW and Q-switch Modes.] (P)  
*VII Symp. Techniki Laserowej [7th Symp.on Laser Technology]* SZCZECIN & ŚWINOUJŚCIE, PL, 2002.09 23–27

12. T.Bezrodna, G.Puchkovska, V.Shimanovska, **J. BARAN**,  
**Raman Studies of TiO<sub>2</sub> Particles with Different Crystalline Structure and Surface Modifications.** (P)  
*18th Int.Conf.on Raman Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
13. D.Biały, A.Derkacz, M.Wyrzyńska, **A. BEDNARKIEWICZ**, P.Ziółkowski, H.Nowosad, **W. STRĘK**,  
M.Protasiewicz,  
**Detekcja ludzkiej płytki sklerotycznej *in vitro* za pomocą indukowanej światłem fluorescencji mono-L-aspartyl chlorinu E6.** [Detection of Human Sclerotic Plaque *in vitro* by Light-Induced Fluorescence of Mono-L-Aspartyl Chlorin E6.] (P)  
*VII Symp. Techniki Laserowej [7th Symp.on Laser Technology]* SZCZECIN & ŚWINOUJŚCIE, PL, 2002.09 23–27
14. N.Bogdanova, B.Terzijska, **R. WAWRYK**,  
**Orthonormal Polynomial Approximation of Thermometric Functions for CERNOX–Ru–O<sub>2</sub> Composition Temperature Sensors.** (C)  
*5th Int.Congr.on Mathematical Modelling*, DUBNA, RU, 2002.09 30 –.10 06
15. V.N.Bogomolov, L.S.Parfen'eva, I.A.Smirnov, **H. MISIOREK**, **A. JEŻOWSKI**,  
**Opals Thermal Conductivity: Reality and Fantasy.** (C)  
*6th Bilat.Russ.-Germ.Symp.on Physics and Chemistry of Advanced Materials*, NOVOSIBIRSK, RU, 2002.08 18–27
16. **E. BOROŃSKI**, S.Siljamäki,  
**Obliczenie parametrów anihilacji pozytronu w gazie elektronowym metodą Monte Carlo.** [Monte Carlo Calculation of Positron Annihilation Parameters in Electron Gas.] (L)  
*34th Polish Semin.on Positron Annihilation*, TURAWA, PL, 2002.06 16–21
17. W.Bronowska, **A. PIETRASZKO**,  
**X-ray Study of High Temperature Phase Transitions in the Monoclinic RbH<sub>2</sub>PO<sub>4</sub> Crystals.** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCŁAW, PL, 2002.06 27–28
18. W.Bronowska, **A. PIETRASZKO**, M.Daszkiewicz, M.Cieślak-Golonka,  
***cis*-Bridging Chromate Ions in Helically Structured *catena*-( $\mu$ -CrO<sub>4</sub> – O, O') [Ni(Him)<sub>3</sub>(H<sub>2</sub>O)].** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCŁAW, PL, 2002.06 27–28
19. E.Carlon, **A. DRZEWIŃSKI**, J.M.J. van Leeuwen,  
**Critical Behavior of Long Reptating Polymers.** (P)  
*27th Conf.of the Middle-European Cooperation in Statistical Physics (MECO)* SOPRON, HU, 2002.03 07–09
20. G.Chełkowska, J.A.Morkowski, A.Szajek, **R. TROĆ**,  
**Electronic Band Structure and XPS of the Dense-KONDO Compound UCu<sub>5</sub>In.** (C)  
*8th Int.Conf.on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
21. **T. CICHOREK**,  
**Interactions Between TLS and Conduction Electrons in UAsSe and ThAsSe.** (C)  
*1st Polish-Japan.Worksh.on Electron and Crystal Structure Related Properties*, WROCŁAW, PL, 2002.07 07–08
22. **T. CICHOREK**, C.Geibel, N.Carocca-Canales, T.Luhmann, P.Gegenwart, F.Steglich,  
**Low-Temperature Specific Heat of Slightly off-Stoichiometric CeNi<sub>2</sub>Ge<sub>2</sub>.** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
23. **T. CICHOREK**, **R. WAWRYK**, **A. WOJAKOWSKI**, **Z. HENKIE**, J.Custers, P.Gegenwart, F.Steglich,  
E.D.Bauer, M.B.Maple,  
**Interaction between TLS and the Conduction Electrons in Actinide Arsenoselenides.** (C)  
*4th Eur.Conf.on Physics of Magnetism*, POZNAŃ, PL, 2002.07 01–05

24. **T. CICHOREK, R. WAWRYK, A. WOJAKOWSKI, Z. HENKIE,** F.Steglich,  
**Non-Magnetic KONDO-Like Scattering in UPS and UAsSe Ferromagnets.** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13
25. **M. CISZEK,** O.Tsukamoto, J.Ogawa,  
**Total Energy Loss in YBCO-123 Coated Conductor Due to AC/DC Transport Current and AC External Perpendicular Magnetic Field.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials,* ŁĄDEK-Zdrój, PL, 2002.07 14–19
26. H.Ciurla, **J. HANUZA,** T.Talik, Z.Talik, M.Korabik, J.Mroziński,  
**Excited States of the Copper(II) Ion in New Complexes with Alkylaminoacetylureas.** (P)  
*13th Wint.Sch.on Coordination Chemistry,* KARPACZ, PL, 2002.12 09–13
27. J.Custers, **T. CICHOREK,** P.Gegenwart, N.Carocca-Canales, O.Stockert, C.Geibel, F.Steglich, P.Pedrazzini, J.G.Sereni,  
**Non-FERMI Liquid Effects Close to a QCP in  $\text{CeIn}_{3-x}\text{Sn}_x$ .** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13
28. B.Dabrowski, **P.W. KLAMUT,** M.Maxwell, S.M.Mini, S.Kolesnik, J.Mais, A.Shengelaya, R.Khazanov, H.Keller, **C. SUŁKOWSKI, D. WŁOSEWICZ, M. MATUSIAK,**  
**Superconductivity and Magnetism in Pure and Substituted  $\text{RuSr}_2\text{GdCu}_8\text{O}_8$ .** (P)  
*SCRM Conf.,* GIENES, FR, 2002.06 01–08
29. A.T.Davidson, A.G.Kozakiewicz, T.E.Derry, J.D.Comins, **M. SUSZYŃSKA,**  
**The Colouration by  $^{60}\text{Co}$ -Gamma Rays of NaCl and KCl Crystals Doped with Europium Ions.** (P)  
*Europhys.Conf.on Defects in Insulating Materials,* WROCŁAW, PL, 2002.07 01–05
30. N.A.Davydova, L.M.Babkov, E.V.Terekhova, **J. BARAN,** J.I.Kukielski,  
**The Vibrational Modes of Crystalline 2-Biphenylmethanol.** (P)  
*18th Int.Conf.on Raman Spectroscopy,* BUDAPEST, HU, 2002.08 25–30
31. S.Debrus, **M.K. MARCHEWKA, J. BARAN, M. DROZD, A. HAZNAR, A. PIETRASZKO, H. RATAJCZAK,**  
**L-Lysine-L-Tartaric Acid: New Molecular Complex with Nonlinear Optical Properties. Structure, Vibrational Spectra and Phase Transitions.** (P)  
*26th Eur.Congr.on Molecular Spectroscopy,* LILLE, FR, 2002.09 01–06
32. S.Debrus, **H. RATAJCZAK, M.K. MARCHEWKA, J. BARAN,**  
**Nonlinear Optical Properties, Structure and Spectra of Melamine-Selenic Acid Crystal.** (P)  
*26th Eur.Congr.on Molecular Spectroscopy,* LILLE, FR, 2002.09 01–06
33. S.Debrus, **H. RATAJCZAK, M.K. MARCHEWKA, J. BARAN,**  
**Novel Hydrogen-Bonded Crystals with Nonlinear Optical Properties.** (P)  
*Int.Semin.on Molecular Materials: From Synthesis to Applications,* PARIS, FR, 2002.10 23–26
34. **P. DEREŃ,** M.-F.Joubert, J.-C.Krupa, R.Mahiou,  
**Photon Avalanche-Like Mechanism in  $\text{LaCl}_3:\text{Pr}^{3+}$  Assisted by  $\text{U}^{3+}$  Ions.** (C?)  
*Fr.-Pol.Colloq.on Biochemistry, Biology, Material Science and Physics,* LYON, FR, 2002.09 30 –.10 02
35. **P.J. DEREŃ,** J.-C.Krupa,  
**Spectroscopic Investigation of  $\text{LaAlO}_3:\text{Eu}^{3+}$ .** (P)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter,* BUDAPEST, HU, 2002.08 24–29
36. **G. DOMINIAK-DZIK, P. SOLARZ, W. RYBA-ROMANOWSKI,** E.Beregi, E.Hartmann, L.Kovács,  
**Optical Properties and Laser Potential of Dysprosium Doped  $\text{YAl}_3(\text{BO}_3)_4$  Crystal.** (P)  
*9th Europhys.Conf.on Defects in Insulating Materials,* WROCŁAW, PL, 2002.07 01–05

37. **M. DROZD, J. BARAN, J.H. van der Maas,**  
**Spolaryzowane widma oscylacyjne kryształów związków guanidyny – weryfikacja przydatności nowych materiałów molekularnych do zastosowań w optyce nieliniowej przy wykorzystaniu mikroskopu IR.** [Polarized Vibrational Spectra of Guanidine Compounds Crystals. Testing the Usefulness of New Molecular Materials to Applications in Non-linear Optics with Aid of IR Microscope.] (P)  
*Szk.Fizykochemii Organicznej: Nowe metody w spektroskopii molekularnej [Sch.of Organic Physico-Chemistry: New Methods in Molecular Spectroscopy]* KARPACZ, PL, 2002.06 10–15
38. B.Fellmuth, D.Berger, L.Wolber, M.de Groot, D.Head, Y.Hermier, Y.Z.Mao, T.Nakano, F.Pavese, V.Shkraba, A.G.Steele, P.P.M.Steur, **A. SZMYRKA-GRZEBYK, W.L.Tew, L.Wang, D.R.White,**  
**An International Star Inter-Comparison of Low-Temperature Fixed Points Using Sealed Triple-Point Cells.** (C)  
*8th Symp.on Temperature, Its Measurement and Control in Science and Industry,* CHICAGO, IL, US, 2002.10 21–24
39. I.Földvári, E.Beregi, A.Baraldi, R.Capelletti, **W. RYBA-ROMANOWSKI, G. DOMINIAK-DZIK, A.Munoz, R.Sosa,**  
**Growth and Spectroscopic Properties of Rare Earth Doped  $YAl_3(BO_3)_4$  Single Crystals.** (L)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter,* BUDAPEST, HU, 2002.08 24–29
40. **E. GAŁDECKA,**  
**OMNIBUS – Program do redukcji danych dyfraktograficznych i jego nowe możliwości.** [OMNIBUS – A Program for X-ray Diffraction Data Reduction and Its New Possibilities.] (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCŁAW, PL, 2002.06 27–28
41. K.Giza, H.Bala, V.V.Pavlyuk, **H. DRULIS, W. IWASIECZKO,**  
**Ocena zdolności pochłaniania wodoru przez wysokokobaltowe stopy typu  $ZrNi_{5-x}Co_x$ .** [Evaluation of Hydrogen Absorption Ability by the High-Cobalt  $ZrNi_{5-x}Co_x$  Alloys.] (P)  
*V Og.-Pol.Konf.Nauk. Obróbka Powierzchniowa [5th All-Pol.Conf.on Surface Treatment]* CZĘSTOCHOWA-KULE, PL, 2002.09 18–20
42. R.Goc, **O.J. ŻOGAŁ, A.H.Vuorimäki, E.E.Ylinen,**  
**VAN VLECK Second Moment and Hydrogen Diffusion in  $YH_{2.1}$  – Measurements and Simulations.** (C)  
*31st Congress AMPÈRE,* POZNAŃ, PL, 2002.07 15–19
43. P.Godlewska, H.Ban-Oganowska, **L. MACALIK, J. HANUZA, W. OGANOWSKI,**  
**Vibrational Spectra and Molecular Structure of Lanthan(III) Complexes with 3-Bromo-4-Methoxy-Pyridine N-Oxide,  $LnCl_3(3 - Br - 4 - CH_3OC_7H_7NO)_3$ .** (P)  
*18th Int.Conf.on Raman Spectroscopy,* BUDAPEST, HU, 2002.08 25–30
44. **K. GOFRYK, D. KACZOROWSKI,**  
**Magnetic and Transport Properties of the Pseudobinary System  $UGa_{3-x}Ge_x$ .** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13
45. A.V.Golubkov, L.S.Parfenieva, I.A.Smirnov, **H. MISIOREK, J. MUCHA, A. JEŻOWSKI, W.Assmus, F.Ritter,**  
 **$YbIn_{1-y}Cu_{4+y}$  and  $YbIn_{1-x}Ag_xCu_4$  Thermal Conductivity: Achievements and Riddles.** (C?)  
*6th Bilat.Russ.-Germ.Symp.on Physics and Chemistry of Advanced Materials,* NOVOSIBIRSK, RU, 2002.08 18–27
46. Ł.Gondek, B.Penc, A.Szytuła, A.Jeziński, **A. ZYGMUNT,**  
**Electronic Structure and Magnetic Properties of  $CeTIn$  ( $T = Ni, Au$ ) Compounds.** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13
47. A.Górniak, A.Wojakowska, J.Josiak, A.Kuznetsov, **A. WOJAKOWSKI,**  
**Phase Equilibria in the Cesium Iodide – Copper(I) Iodide System.** (P)  
*17th IUPAC Conf.on Chemical Thermodynamics, ICCT 202,* ROSTOCK, DE, 2002.07 28 –.08 02

48. **H. GRABOWSKA, R. KLIMKIEWICZ, W. Tylus, P.J. Godowski,**  
**Badania XPS żelazowego katalizatora alkilacji.** [XPS Studies of Iron Catalyst of Alkylation.] (P)  
*XXXIV Og.pol.Kolokw. Katalityczne [34th Polish Coll.on Catalysis]* CRACOW, PL, 2002.03 20–22
49. M.Grınberg, J.Barzowska, Y.R.Shen, K.L.Bray, **P. DEREŃ, J. HANUZA,**  
**High Pressure Photoluminescence Characterization of the LiSc(WO<sub>4</sub>)<sub>2</sub> Crystal Doped [with] Chromium.** (P)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter,*  
 BUDAPEST, HU, 2002.08 24–29
50. **T.R.E. HAMMAD, R. HORYŃ, E. BUKOWSKA, A. J.ZALESKI,**  
**On the Problem of Holes and Electrons in Ce-Doped Nd<sub>2</sub>CuO<sub>4</sub>.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials,* ŁAĐEK-Zdrój  
 , PL, 2002.07 14–19
51. M.Henke, M.Döring, T.Scheffler, S.Kück, **I. SOKÓLSKA,**  
**Photon Cascade Emission in Pr<sup>3+</sup>-Doped Fluorides.** (C)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter,*  
 BUDAPEST, HU, 2002.08 24–29
52. **Z. HENKIE,**  
**Unusual Transport Properties of USbTe.** (C)  
*1st Polish-Japan. Worksh.on Electron and Crystal Structure Related Properties,*  
 WROCLAW, PL, 2002.07 07–08
53. **Z. HENKIE, T. CICHOREK, R. WAWRYK, A. WOJAKOWSKI, A. PIETRASZKO, F.Steglich,**  
**Unusual Transport Properties of USbTe Ferromagnet.** (P)  
*4th Eur.Conf.on Physics of Magnetism,* POZNAŃ, PL, 2002.07 01–05
54. **Z. HENKIE, R. WAWRYK, A. WOJAKOWSKI, A. PIETRASZKO, T. CICHOREK, F.Steglich,**  
**Transport Properties of UX<sub>1-x</sub>Y<sub>1+x</sub> (X = P, As, Sb; Y = S, Se, Te) Ferromagnet: Is There Any Analogy of the Nonmagnetic KONDO-Based System to the Classical Heavy Fermion One?** (C)  
*8th Int.Conf.on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13
55. **Z. HENKIE, A. WOJAKOWSKI, T. CICHOREK, R. WAWRYK, M.B.Maple, E.D.Bauer, F.Steglich,**  
**On Evaluation of KONDO-Like Electron Transport Characteristics of TLS-KONDO Ferromagnets. Uranium Pnictochalcogenides.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials,* ŁAĐEK-Zdrój, PL,  
 2002.07 14–19
56. **K. HERMANOWICZ, M. MAĆZKA, J. HANUZA,**  
**Infrared and Polarized RAMAN Spectra of the Layered Double Aluminium Molybdates of Caesium and Rubidium.** (P)  
*18th Int.Conf.on Raman Spectroscopy,* BUDAPEST, HU, 2002.08 25–30
57. Y.Hermier, L.Pitre, C.Geneville, A.Vergé, Bonnier, D.I.Head, B.Fellmuth, L.Wolber,  
**A. SZMYRKA-GRZEBYK, L. LIPIŃSKI, M.J.de Groot, A.Perucci,**  
**A New Generation of Multicells for Cryogenic Fixed Points at BNM/INM.** (C)  
*8th Symposium on Temperature, Its Measurement and Control in Science and Industry,*  
 CHICAGO, IL, US, 2002.10 21–24
58. **R. HORYŃ, E. BUKOWSKA, A. SIKORA,**  
**Phase Relations in Gd<sub>2</sub>O<sub>3</sub>–CeO<sub>2</sub>–CuO System at 980° C.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials,* ŁAĐEK-Zdrój, PL,  
 2002.07 14–19



59. **R. HORYŃ, A. SIKORA, E. BUKOWSKA,**  
**Crystallochemical Features of  $\text{La}_{1-2x}\text{Na}_x\text{K}_x\text{MnO}_{3+\delta}$  Solid Solution.** (P)  
*3rd Int. Worksh. on Magnetism and Superconductivity of Advanced Materials,* ŁĄDEK-Zdrój, PL, 2002.07 14–19
60. **R. HORYŃ, A. J. ZALESKI, C. SUŁKOWSKI, E. BUKOWSKA, A. SIKORA,**  
**Magnetic Features of  $\text{La}_{1-2x}\text{Na}_x\text{K}_x\text{MnO}_{3+\delta}$  Solid Solution.** (P)  
*3rd Int. Worksh. on Magnetism and Superconductivity of Advanced Materials,* ŁĄDEK-Zdrój, PL, 2002.07 14–19
61. Z. Hossain, C. Geibel, N. Senthilkumaran, **V.H. TRAN,** S. Molodtsov,  
**Search for Europium Based Heavy Fermion Compounds.** (P)  
*8th Int. Conf. on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13
62. **D. HREŃIAK, W. STRĘK,** G. Boulon,  
**Luminescent Properties of Eu-Doped Nanocrystallites of Barium Titanate.** (C)  
*Fr.-Pol. Colloq. on Biochemistry, Biology, Material Science and Physics,* LYON, FR, 2002.09 30 –.10 02
63. **D. HREŃIAK, W. STRĘK, E. ŁUKOWIAK,** P. Mazur,  
**Luminescent Properties of Eu-Doped Nanocrystallites of  $\text{Y}_3\text{Al}_5\text{O}_{12}$  with Ag Nanoparticles.** (P)  
*Int. Conf. on Luminescence and Optical Spectroscopy of Condensed Matter,* BUDAPEST, HU, 2002.08 24–29
64. **M. JASIOŃSKI,** H. Podbielska, **W. STRĘK,** I. Marciniak, M. Stankiewicz,  
**Customized Safety Features by Measuring of Spectral Characteristics of IR Sensitive Taggants.** (P)  
*4th Int. Conf. on Optical Security and Counterfeit Deterrence Techniques,* SAN JOSE, CA, US, 2002.01 24–25
65. **A. JEŻOWSKI, P. STACHOWIAK,** T. Suski, S. Krukowski, M. Boćkowski, I. Grzegory, B. Danilchenko,  
**Thermal Conductivity of Bulk GaN Single Crystals.** (P)  
*23rd Int. Conf. on Low Temperature Physics,* HIROSHIMA, JP, 2002.08 20–27
66. **D. KACZOROWSKI,**  
**Unusual Features of Itinerant Antiferromagnetism in  $\text{UGa}_3$ .** (I)  
*4th Eur. Conf. on Physics of Magnetism,* POZNAŃ, PL, 2002.07 01–05
67. **D. KACZOROWSKI,** A. Leithe-Jasper, **T. CICHOREK,** K. Tenya, J. Custers, P. Gegenwart, Yu. Grin,  
**Possible Heavy-Fermion Behavior in a HEUSLER-Type Compound  $\text{YbPd}_2\text{Sb}$ .** (P)  
*8th Int. Conf. on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13
68. E. Kalecińska, **J. KALECIŃSKI,** M. Krowicka,  
**The Decomposition Yields and Reactivity of Metal Tetrasulfophthalocyanines in Aqueous–Alcohol System.** (P)  
*10th Tihany Symp. on Radiation Chemistry,* SOPRON, HU, 2002.08 31 –.09 05
69. **J. KALECIŃSKI,** E. Kalecińska, M. Krowicka,  
**Scavenging of Electrons by Metal Tetrasulfophthalocyanines in Liquid and Frozen Glasses.** (C)  
*10th Tihany Symp. on Radiation Chemistry,* SOPRON, HU, 2002.08 31 –.09 05
70. **L. KĘPIŃSKI, M. WOŁCYRZ,**  
**Nanocrystalline Rare Earth Silicates: Structure and Properties.** (C)  
*11th Int. Conf. on Electron Microscopy of Solids,* KRYNICA, PL, 2002.05 19–23
71. **P.W. KLAMUT,** B. Dabrowski, S.M. Mini, O. Chmaissem, S. Kolesnik, M. Maxwell, J. Mais, A. Shengelaya, R. Khazanov, I. Savić, H. Keller, **C. SUŁKOWSKI, D. WŁOSEWICZ, A. ZALESKI, M. MATUSIAK,** A. Wiśniewski, R. Puźniak, I. Fita, I. Felner, U. Asaf, F. Ritter,  
**On the Effect of Heterovalent Doping in Ruthenocuprates.** (L)  
*3rd Int. Worksh. on Magnetism and Superconductivity of Advanced Materials,* ŁĄDEK-Zdrój, PL, 2002.07 14–19

72. **P.W. KLAMUT**, B.Dabrowski, S.M.Mini, M.Maxwell,  
**NMR and Magnetization Studies of the Ferromagnetic Ordering Temperature Suppression in Ru-Deficient SrRuO<sub>3</sub>**. (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials*, ŁĄDEK-Zdrój, PL, 2002.07 14–19
73. **Z. KLETOWSKI**,  
**High-Field DE HAAS – VAN ALPHEN Effect in GdIn<sub>3</sub>**. (P)  
*4th Eur.Conf.on Physics of Magnetism*, POZNAŃ, PL, 2002.07 01–05
74. **Z. KLETOWSKI**,  
**Evidences for the KONDO Effect in PrSn<sub>3</sub> – Thermal Properties**. (C)  
*1st Polish-Japan.Worksh.on Electron and Crystal Structure Related Properties*, WROCŁAW, PL, 2002.07 07–08
75. **Z. KLETOWSKI, J. MUCHA, H. MISIOREK**,  
**Thermal Conductivity of LaSn<sub>3</sub>**. (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
76. T.Klimczuk, **T. PLACKOWSKI**, W.Sadowski, A.Grykałowska,  
**A Resistivity Peak Close [to] T<sub>c</sub> in Nd<sub>2-x</sub>Ce<sub>x</sub>CuO<sub>4-y</sub> Single Crystals**. (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials*, ŁĄDEK-Zdrój, PL, 2002.07 14–19
77. **R. KLIMKIEWICZ, H. GRABOWSKA**,  
**Reakcje alkilacji towarzyszące przemianom estrów do ketonów**. [Reactions of Alkylation Associated with Transformations of Esters to Ketones.] (P)  
*XXXIV Og.pol.Kolokw. Katalityczne [34th Polish Coll.on Catalysis]* CRACOW, PL, 2002.03 20–22
78. **R. KLIMKIEWICZ, H. GRABOWSKA**, H.Teterycz, L.Syper, A.Biskupski, J.Rakoczy,  
**Possibility of Waste Alcohols Usage**. (P)  
*4th Int.Conf.on Catalysis and Adsorption in Fuels Processing and Environmental Protection*, KUDOWA Zdrój, PL, 2002.09 18–21
79. **G. KONTRYM-SZNAJD**,  
**Badanie powierzchni Fermiego i własności magnetycznych**. [The Fermi Surface and Magnetic Properties Study.] (L)  
*34th Polish Semin.on Positron Annihilation*, TURAWA, PL, 2002.06 16–21
80. **G. KONTRYM-SZNAJD**,  
**Does the FERMI Surface Control the Magnetic Structure of Rare-Earths Compounds?** (I)  
*1st Polish-Japan.Worksh.on Electron and Crystal Structure Related Properties*, WROCŁAW, PL, 2002.07 07–08
81. **T.K. KOPEĆ**,  
**Effect of Phase Fluctuations on the Penetration Depth in Local-Pair Superconductor**. (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials*, ŁĄDEK-Zdrój, PL, 2002.07 14–19
82. **T.K. KOPEĆ, T.A. ZALESKI**,  
**Quantum Criticality in the SO(5) Theory of Superconductivity and Magnetism**. (L)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials*, ŁĄDEK-Zdrój, PL, 2002.07 14–19
83. K.Korczak, M.Glice, **A. PIETRASZKO**, H.Beczkowicz, **M. DROZD**, Wł.Skupiński,  
**The Crystal Structure of ±-N- [4-Cyano-3-(Trifluoromethyl) Phenyl]—[(4-Fluorophenyl)-2-Hydroxy-2-Methylpropanamid] [Bc] in Monoclinic and Triclinic Forms**. (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCŁAW, PL, 2002.06 27–28

84. L.Kovács, K.Lengyel, A.Baraldi, R.Capelletti, M.Berkowski, **W. RYBA-ROMANOWSKI**,  
**Hydroxyl Ion Absorption in LaGaO<sub>3</sub> Single Crystals.** (C)  
*Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
85. J.Kowalczyk, M.Maciejewski, **M. WOŁCYRZ**,  
**Struktura salicylanu srebra C<sub>6</sub>H<sub>4</sub>(OH)COOAg wyznaczona metodami proszkowej dyfrakcji rentgenowskiej wspomaganiej modelowaniem molekularnym.** [The Structure of Silver Salicylate, C<sub>6</sub>H<sub>4</sub>(OH)COOAg, Determined by Powder X-ray Diffraction Methods, Supported by Molecular Modelling.] (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28
86. **L. KRAJCZYK, M. SUSZYŃSKA**,  
**The Microstructure of Soda–Lime Glasses Detected by Electron Microscopy.** (P)  
*11th Int.Conf.on Electron Microscopy of Solids*, KRYNICA, PL, 2002.05 19–23
87. **L. KRAJCZYK, M. SUSZYŃSKA**,  
**The Microstructure of Soda–Lime Silicate Glasses Detected by Electron Microscopy.** (P)  
*9th Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
88. A.I.Krivchikov, V.V.Sumarokov, **J. MUCHA, P. STACHOWIAK, A. JEŻOWSKI**,  
**Thermal Conductivity of Solid Parahydrogen with Methane Admixtures.** (P)  
*3rd Int.Chernogolovka Workshop on LT Physics in Microgravity Environments*, CHERNOGOLOVKA, RU, 2002.08 12–18
89. **T. KRZYSZTOŃ**,  
**Magnetic Flux Penetration and Motion in Antiferromagnetic Superconductors.** (P)  
*NATO Adv.Res.Worksh.on Vortex Dynamics in HTSC*, TASHKENT, UZ, 2002.05 17–22
90. **T. KRZYSZTOŃ**,  
**Influence of Antiferromagnetic Order on the Surface Barrier in Layered Superconductor.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials*, LADEK-Zdrój, PL, 2002.07 14–19
91. **R. KUBIAK**,  
**Synthesis, Structure and Characterization of the Metalo-phthalocyanines.** (L)  
*VIII Konf. Chemików Nieorganików [8th (Polish) Congr.of Inorganic Chemistry]*  
SZKLARSKA PORĘBA, PL, 2002.06 26–29
92. **R. KUBIAK, M. ŚLEDŹ**,  
**Magnesium Phthalocyanine Complexes with 4-Methylpyridine.** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28
93. **R. KUBIAK, A. WAŚKOWSKA**,  
**Synthesis and Crystal Structure of the Novel Di-μ-Aza- bis[Penthalocyaninato(2-) Indium(III)] 4-Methylpyridine Complex.** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28
94. **R. KUBIAK, A. WAŚKOWSKA**,  
**Synthesis and Crystal Structure of the Complex of Aza-Bridged Indium(III) Phthalocyanine and 4-Methylpyridine.** (P)  
*19th Congr.& Gen.Assy of Int.Union of Crystallography*, GENEVA, CH, 2002.08 06–15
95. M.Kubinyi, A.Grofcsik, **J. BARAN**, W.J.Jones,  
**Inverse RAMAN Spectroscopy for Ordered Systems.** (P)  
*18th Int.Conf.on Raman Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
96. E.Kucharska, **J. HANUZA, M. MAĆZKA, Z.Talik**,  
**Vibrational Spectra and Conformation of the Azo- and Hydrazo-Bonds in Nitro- and Methylnitro-Derivatives of 2,2'-Hydrazo- and Azo-Pyridines.** (P)  
*18th Int.Conf.on Raman Spectroscopy*, BUDAPEST, HU, 2002.08 25–30

97. S.Küick, **I. SOKÓLSKA**, M.Henke, M.Döring, T.Scheffler,  
**Photon Cascade Emission in Pr<sup>3+</sup>-Doped Fluorides.** (C)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter*,  
 BUDAPEST, HU, 2002.08 24–29
98. **R. LEMAŃSKI**, J.K.Freericks, **G. BANACH**,  
**Exact Solution for Stripe Phases.** (C)  
*19th Gen.Conf.of the EPS Condensed Matter Division*, BRIGHTON, E, UK, 2002.04 07–11
99. **R. LEMAŃSKI**, J.K.Freericks, **G. BANACH**,  
**Theory of Stripe Phases in Correlated Electron Systems.** (P)  
*NATO Adv.Res.Worksh.on Concepts in Electron Correlation*, HVAR, HR, 2002.09 29 –.10 08
100. **R. LEMAŃSKI**, **Z. GAJEK**,  
**Doping Induced Transition from the Antiferro-Type Order to the Phase Separation.** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
101. **R. LEMAŃSKI**, J.Wojtkiewicz,  
**Ground States of the Spin-1/2 FALICOV–KIMBALL Model.** (P)  
*4th Eur.Conf.on Physics of Magnetism*, POZNAŃ, PL, 2002.07 01–05
102. K.Lengyel, L.Kovacs, A.Baraldi, R.Capelletti, M.Berkowski, **W. RYBA-ROMANOWSKI**,  
**The Stretching Vibration of Hydroxyl Ions in LaGaO<sub>3</sub>.** (C)  
*9th Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
103. **L. LIPIŃSKI**, **A. SZMYRKA-GRZEBYK**, **H. MANUSZKIEWICZ**, **A. KOWAL**,  
**Badania wielokomponentowych komórek do realizacji niskotemperaturowych punktów stałych MST-90.** [Investigation of Multi-Component Cells for Realization of Low-Temperature Fixed Points of ITS-90.] (C)  
*Joint IMEKO TC-1 & 34th Inter-University Metrological Conf.*, WROCLAW, PL, 2002.09 08–12
104. **K. ŁUKASZEWICZ**, **A. PIETRASZKO**, **J. KRAWCZYK**,  
**Diffuse Scattering and Nanodomains in the Yb, As and U Iodine Phthalocyanines Determined by the Reverse Monte Carlo Simulation.** (C)  
*15th Czech-Polish Semin.on Structural and Ferroelectric Phase Transitions*, NEČTINY-Castle, CZ, 2002.05 20–24
105. **K. ŁUKASZEWICZ**, **A. PIETRASZKO**, **J. KRAWCZYK**,  
**New Perspectives of the X-ray Crystal Structure Analysis. Disorder and Diffuse Scattering of [U<sub>1-x</sub>Pc<sub>2</sub>]<sub>2-y</sub>.** (C)  
*XLV Zj.Nauk. Pol.Tow.Chem., Symp. Sekcji Krystalochemii [45th Congr.of Pol.Chem.Soc., Sect. Crystallochemistry]* CRACOW–Mogilany, PL, 2002.09 07–07
106. **B. MACALIK**,  
**Optical Properties of Gamma-Irradiated Soda–Lime Silicate Glasses Exchanged with Copper.** (P)  
*9th Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
107. **B. MACALIK**, **T. MORAWSKA-KOWAL**, **K.D. NIERZEWSKI**, **M. SUSZYŃSKA**,  
**Preparation and Optical Properties of Soda-Lime Silicate Glasses Partially Substituted by Copper.** (C)  
*9th Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
108. **L. MACALIK**, **J. HANUZA**,  
**Coincidence of the RAMAN and IR Spectra and the Vibronic Part of the Eu<sup>3+</sup> Emission in the KEu(WO<sub>4</sub>)<sub>2</sub> and KEu(WO<sub>4</sub>)<sub>2</sub> Crystals.** (P)  
*18th Int.Conf.on Raman Spectroscopy*, BUDAPEST, HU, 2002.08 25–30

109. E.Maciążek, **A. WAŚKOWSKA**, I.Okońska-Kozłowska, T.Mydlarz,  
**Crystal Growth and Magnetic Properties of the Single Crystals [of]  $\text{Cu}_{1-x}\text{In}_{(2/3)x}\text{Cr}_2\text{Se}_4$** . (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28
110. A.Maciołek, **A. DRZEWIŃSKI**, R.Evans,  
**Near Critical Confined Fluids and ISING Films**. (P)  
*27th Conf.of the Middle-European Cooperation in Statistical Physics (MECO)*  
 SOPRON, HU, 2002.03 07–09
111. **M. MAĆZKA**, **J. HANUZA**, **A. WAŚKOWSKA**,  
**RAMAN Scattering Study of Potassium Hexatungstate**. (P)  
*18th Int.Conf.on Raman Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
112. R.Mahiou, P.Boutinaud, G.Bertrand, **P. DEREŃ**, M.Malinowski,  
**Effect of the One-Dimensional Structure on Fluorescence Properties of  $\text{K}_2\text{YF}_5$  Activated by  $\text{Ln}^{3+}$  ( $\text{Ln} = \text{Gd}, \text{Eu}, \text{Tb}$  and  $\text{Pr}$ )**. (C)  
*French-Polish Colloq.on Biochemistry, Biology, Material Science and Physics*, LYON, FR,  
 2002.09 30 –.10 02
113. T.Maksimova, **K. HERMANOWICZ**, U.Happek, **J. HANUZA**, V.Hizhniakov,  
**Charged Molecular  $\text{MO}_4^{n-}$  Complexes in Alkali Halide Crystals: Electronic Excitation Transfer and Relaxation Processes**. (P)  
*Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
114. **M.K. MARCHEWKA**, S.Debrus, **J. BARAN**, **H. RATAJCZAK**,  
**Directionality of Hydrogen Bonds in New Crystalline Complexes of Melaminium Salts**. (P)  
*26th Eur.Congr.on Molecular Spectroscopy*, LILLE, FR, 2002.09 01–06
115. **K. MARUSZEWSKI**,  
**Technology and Applications of Sol–Gel Materials**. (C)  
*9th Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
116. **K. MARUSZEWSKI**, **D. HRENIAK**, **W. STRĘK**, A.Hreniak,  
**Optical Properties of Europium(III) Doped Nanocrystalline Film of  $\text{TiO}_2$  with Ag Nanoparticles**. (P)  
*Int.Conf.on Luminescence and Optical Spectroscopy of Condensed Matter*, BUDAPEST, HU,  
 2002.08 24–29
117. **K. MARUSZEWSKI**, **W. STRĘK**, **M. JASIORSKI**, A.Ucyk,  
**Technology and Applications of Sol–Gel Materials**. (C)  
*9th Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
118. **M. MATUSIAK**, **T. PLACKOWSKI**, **C. SUŁKOWSKI**,  
**A Direct Correlation between  $T_c$  and EDOS for 1-2-3 Type  $(\text{Ca}_{0.1}\text{La}_{0.9})(\text{Ba}_{1.65}\text{La}_{0.35})\text{Cu}_3\text{O}_y$** . (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials*, ŁĄDEK-Zdrój, PL,  
 2002.07 14–19
119. J.Michalski, **J. HANUZA**, **M. MAĆZKA**, Z.Talik,  
**Vibrational Spectra and Conformation of the Azo- and Hydrazo-Bonds in 2-Phenylazo- and 2-Phenylhydrazo-Nitropyridines**. (P)  
*18th Int.Conf.on Raman Spectroscopy*, BUDAPEST, HU, 2002.08 25–30
120. **H. MISIOREK**, **J. MUCHA**, A.V.Golubkov, L.S.Parfenieva, I.A.Smirnov, W.Assmus, F.Ritter,  
**Transport Properties of Heavy Fermions Compounds:  $\text{YbIn}_{1-y}\text{Cu}_{4+y}$  and  $\text{YbIn}_{1-x}\text{Ag}_x\text{Cu}_4$** . (P)  
*16th Europ.Conf.on Thermophysical Properties (ETCP 2002)* LONDON, E, UK, 2002.09 01–04

121. **W. MIŚTA, M. ZAWADZKI, H. GRABOWSKA,**  
**TPR-TPD Studies of CuO/ZnAl<sub>2</sub>O<sub>4</sub> Catalyst Prepared by Hydrothermal Method.** (P)  
*4th Int.Conf.on Catalysis and Adsorption in Fuels Processing and Environmental Protection,*  
 KUDOWA Zdrój, PL, 2002.09 18–21
122. **J. MUCHA, H. MISIOREK,** A.V.Golubkov, L.S.Parfen'eva, I.A.Smirnov,  
**Thermal Conductivity Sm<sub>3</sub>S<sub>4</sub> – System with Mixed Valence of Sm Ions.** (P)  
*16th Europ.Conf.on Thermophysical Properties (ETCP 2002)* LONDON, E, UK, 2002.09 01–04
123. **J. MUCHA,** M.Pękała, J.F.Fagnard, Ph.Vanderbenden, M.Ausloos,  
**Magneto-Transport Study of Nb-Doped Bi2223 Superconductors.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials,* ŁĄDEK-Zdrój, PL,  
 2002.07 14–19
124. I.Okońska-Kozłowska, E.Malicka, **A. WAŚKOWSKA,** A.Krajewski, T.Groń, T.Mydlarz,  
**Influence of the Substitution of Cd Ions on the Physical Properties of the Zn<sub>1-x</sub>Cd<sub>x</sub>Cr<sub>2</sub>Se<sub>4</sub>  
 Single Crystals.** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCŁAW, PL, 2002.06 27–28
125. S.Paschen, **V.H. TRAN,** N.Senthilkumaran, M.Baenitz, F.Steglich, A.M.Strydom, P.de V.du Plessis,  
 G.Motoyama, N.K.Sato,  
**First Results on U<sub>2</sub>Ru<sub>2</sub>Sn Single Crystals.** (P)  
*23rd Int.Conf.on Low Temperature Physics,* HIROSHIMA, JP, 2002.08 20–27
126. F.Pavese, B.Fellmuth, D.Head, Y.Hermier, A.Peruzzi, **A. SZMYRKA-GRZEBYK,** L.Zanin,  
**Main Results of the European Project “MULTICELLS” of Cryogenic Temperature Fixed Points  
 in Sealed Cells.** (C)  
*8th Symp.on TEMPERATURE, Its Measurement and Control in Science and Industry,*  
 CHICAGO, IL, US, 2002.10 21–24
127. F.Pavese, D.Ferri, I.Peroni, A.Pugliese, P.P.M.Steur, B.Fellmuth, D.Head, **L. LIPIŃSKI,** A.Peruzzi,  
**A. SZMYRKA-GRZEBYK,** L.Wolber,  
**Cryogenic Temperature Sealed Fixed Points: IMGC New-Generation of Modular Cells.** (C)  
*8th Symp.on Temperature, Its Measurement and Control in Science and Industry,*  
 CHICAGO, IL, US, 2002.10 21–24
128. **A. PIETRASZKO,**  
**X-ray Diffuse Scattering and the Pre-transitional Phenomena in NaNO<sub>2</sub> and RbLiSO<sub>4</sub> Single  
 Crystals.** (C)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCŁAW, PL, 2002.06 27–28
129. **A. PIETRASZKO, K. ŁUKASZEWICZ,**  
**Diffused Scattering and Short Range Order in the Paraelectric Phase of Sodium Nitrite.** (C)  
*15th Czech-Polish Semin.on Structural and Ferroelectric Phase Transitions,*  
 NEČTINY-Castle, CZ, 2002.05 20–24
130. **A. PIETRASZKO, K. ŁUKASZEWICZ,**  
**X-ray Diffuse Scattering in the Ferroelectric Materials.** (P)  
*19th Congr.& Gen.Assy of Int.Union of Crystallography,* GENEVA, CH, 2002.08 06–15
131. **A. PIETRASZKO,** M.Połomska, A.Pawłowski, **M. WOŁCYRZ,**  
**Strukturalne badania superjonowej przemiany fazowej w monokryształach Rb<sub>3</sub>H(SO<sub>4</sub>)<sub>2</sub>.** [Structural  
 Investigations of Superionic Phase Transition in Rb<sub>3</sub>H(SO<sub>4</sub>)<sub>2</sub> Single Crystal.] (P)  
*VIII Kraj.Symp.: Przewodniki Szybkich Jonów [8th Polish Symp.on Fast Ion Conductors]* JELITKOWO  
 (Gdańsk) PL, 2002.05 16–18
132. **A. PIKUL, D. KACZOROWSKI,** P.Rogl,  
**Magnetic, Electrical Transport and Thermal Properties of Ce–Ni–Ge Compounds.** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13



133. **A.P. PIKUL, D. KACZOROWSKI, H.Michor, P.Rogl, A. CZOPNIK, Yu.Grin, E.Bauer, G.Hilscher,**  
**Low-Temperature Specific Heat of Ce–Ni–Ge Compounds and Their Nonmagnetic Analogues.** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems, CRACOW, PL, 2002.07 10–13*
134. **A.P. PIKUL, D. KACZOROWSKI, P.Rogl, Y.Grin,**  
**KONDO Effect in the Presence of Crystal-Field in Ce–Ni–Ge Compounds.** (P)  
*4th Eur.Conf.on Physics of Magnetism, POZNAŃ, PL, 2002.07 01–05*
135. **T.P. POLAK, T.K. KOPEĆ,**  
**Charging and Magnetic Field Effects in Three-Dimensional JOSEPHSON-Junction Arrays.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials, ŁĄDEK-Zdrój, PL, 2002.07 14–19*
136. **T.P. POLAK, T.K. KOPEĆ,**  
**Zero-Temperature Phase Diagram of Charge and Magnetically Frustrated Two-Dimensional JOSEPHSON-Junction Arrays.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials, ŁĄDEK-Zdrój, PL, 2002.07 14–19*
137. **D. POTOCZNA-PETRU, L. KRAJCZYK,**  
**Electron Microscopy Study of Interaction of Cobalt with Silica.** (P)  
*XLIV Konfer. Krystalograficzne [44th Polish Crystallographic Meet.] WROCŁAW, PL, 2002.06 27–28*
138. **H. RATAJCZAK, J. BARAN, J.Barycki, S.Debrus, T.Głowiak, Z.Latajka, M. MARCHEWKA,**  
**The Search for New Molecular Materials for Nonlinear Optics: Design and Structural and Optical Studies.** (I)  
*Int.Conf.on Molecular Materials: From Synthesis to Applications, PARIS, FR, 2002.10 23–26*
139. **K.Rećko, L.Dobrzyński, K.Szymański, D.Satuła, K.Perzyńska, M.Biernacka, P.Zaleski, J.Waliszewski, W. SUSKI, K. WOCHOWSKI, M.Hofmann, D.Hohlwein,**  
**Magnetic Ordering of ThFe<sub>x</sub>Al<sub>12-x</sub> Powder Samples.** (P)  
*32èmes Journées des Actinides, EIN GEDI, IL, 2002.03 19–22*
140. **K.Rećko, L.Dobrzyński, K.Szymański, D.Satuła, K.Perzyńska, M.Biernacka, P.Zaleski, J.Waliszewski, W. SUSKI, K. WOCHOWSKI, M.Hofmann, D.Hohlwein,**  
**Magnetism of Th(FeAl)<sub>12</sub> Alloys.** (P)  
*4th Eur.Conf.on Physics of Magnetism, POZNAŃ, PL, 2002.07 01–05*
141. **K. ROGACKI,**  
**Unusual Behavior of Antiferromagnetic Superconductors in Low Magnetic Fields.** (L)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials, ŁĄDEK-Zdrój, PL, 2002.07 14–19*
142. **A. RUBASZEK,**  
**Implikacje porównania teoretycznych i zrekonstruowanych krzywych korelacji kątowych w metalach przejściowych.** [Implications of Comparison between Theoretical and Reconstructed Angular Correlation Profiles in Transition Metals.] (C)  
*34th Polish Semin.on Positron Annihilation, TURAWA, PL, 2002.06 16–21*
143. **W. RYBA-ROMANOWSKI,**  
**YVO<sub>4</sub> Crystals – Puzzles and Challenges.** (I)  
*Int.Conf.on Solid State Crystals, ZAKOPANE, PL, 2002.09 10–15*
144. **W. RYBA-ROMANOWSKI,**  
**Domieszkowane kryształy YVO<sub>4</sub> – zagadki i wyzwania.**[Doped YVO<sub>4</sub> Crystals – Puzzles and Challenges.] (I)  
*VII Symp. Techniki Laserowej [7th Symp.on Laser Technology] SZCZECIN & ŚWINOUJŚCIE, PL, 2002.09 23–27*

145. **M. SAMSEL-CZEKAŁA**,  
**Badanie struktury elektronowej metodą rozpraszania COMPTONA.** [The Electronic Structure Study via COMPTON Scattering.] (L)  
*34th Polish Semin.on Positron Annihilation*, TURAWA, PL, 2002.06 16–21
146. **M. SAMSEL-CZEKAŁA**,  
**Electronic Structure Seen by Positrons and COMPTON Scattering.** (C)  
*Worksh.on Current Topics in Materials Research at MPI Chem.Phys.fest.Stoffe*, DRESDEN, DE, 2002.10 27–29
147. G.Ślósarek, J.Krzaczkowska, **A. PIETRASZKO**,  
**Redetermination of the Crystal Structure of Kinetin at 130, 295, and 325 K.** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28
148. J.Sokolnicki, **M. ZAWADZKI**, V.Zolin, J.Legendziewicz,  
**Synthesis and Spectral Characteristic of Neodymium Nanosize Caramics.** (P)  
*2<sup>e</sup> Rencontre Franco-Espagnole sur la Chimie et la Physique de l'Etat Solide*, SANT FELIU de GUIXOLS (Girona) ES, 2002.03 20–23
149. **P. SOLARZ**, **G. DOMINIAK-DZIK**, **W. RYBA-ROMANOWSKI**,  
**Conversion of VUV to Visible in  $K_5Li_2LnF_{10}$  Containing Rare-Earth Ions ( $Ln = Pr-Gd$ ).** (P)  
*6th Int.Sch.& Symp.on Synchrotron Radiation in Natural Science*, USTROŃ-Jaszowiec, PL, 2002.06 17–22
150. **H. STACHOWIAK**,  
**Przegląd podejść do oddziaływania elektron–pozytron w gazie elektronowym.** [Review of Approaches to Electron–Positron Interaction in an Electron Gas.] (I)  
*34th Polish Semin.on Positron Annihilation*, TURAWA, PL, 2002.06 16–21
151. **H. STACHOWIAK**, **E. BOROŃSKI**,  
**Wpływ zerowego ruchu pozytronu na czas życia w sieci krystalicznej.** [Influence of the Zero Motion of a Positron on Its Lifetime in a Metal Lattice.] (L)  
*34th Polish Semin.on Positron Annihilation*, TURAWA, PL, 2002.06 16–21
152. **P. STACHOWIAK**, V.V.Sumarokov, **A. JEŻOWSKI**, **J. MUCHA**,  
**Investigation of Thermal Conductivity of Solidified Nitrous Oxide.** (P)  
*4th Int.Conf.on Cryocrystals and Quantum Crystals*, FREISING, DE, 2002.10 27–31
153. **P. STACHOWIAK**, V.V.Sumarokov, **J. MUCHA**, **A. JEŻOWSKI**,  
**Low Temperature Thermal Conductivity Experiment on  $N_2-CO$  System.** (P)  
*4th Int.Conf.on Cryocrystals and Quantum Crystals*, FREISING, DE, 2002.10 27–31
154. **J. STEPIEŃ-DAMM**, V.Zaremba, V.Hlukhyy,  
**Crystal Structure of the New Ternary Uranium Indides.** (P)  
*32èmes Journées des Actinides*, EIN GEDI, IL, 2002.03 19–22
155. **W. STREK**, **A. BEDNARKIEWICZ**, **D. HRENIAK**, G.Boulon,  
**Size Effect on Luminescence Behavior of  $Nd^{3+}$  Doped YAG Nanocrystallites.** (C)  
*French-Polish Colloq.on Biochemistry, Biology, Material Science and Physics*, LYON, FR, 2002.09 30 –.10 02
156. **W. STREK**, **D. HRENIAK**, G.Boulon, Y.Guyot, R.Pezik,  
**Optical Behavior of  $Eu^{3+}$  Doped  $BaTiO_3$  Nanocrystallites Prepared by Sol–Gel Method.** (C)  
*Colloq.Franco-Israeli. (French-Israeli Workshop)* LYON, FR, 2002.12 08–11
157. **W. STREK**, **D. HRENIAK**, E.Zych,  
**Cooperative Phenomena in Rare Earth Doped Nanocrystallites.** (C)  
*Europhys.Conf.on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05

158. A.Strydom, **R. TROĆ, A. CZOPNIK,**  
**Electronic and Magnetic Properties of  $U_2Cu_3X_9$  ( $X = Al, Ga$ ).** (P)  
*32èmes Journées des Actinides,* EIN GEDI, IL, 2002.03 19–22
159. **C. SUŁKOWSKI, D. WŁOSEWICZ, M. MATUSIAK, T. PLACKOWSKI, A. SIKORA, R. HORYŃ,**  
**Superconducting and Transport Properties of  $TmBa_2Cu_3O_{7-\delta}$  and Comparison to  $YBa_2Cu_3O_{7-\delta}$ .** (P)  
*3rd Int. Worksh.on Magnetism and Superconductivity of Advanced Materials,* ŁĄDEK-Zdrój, PL, 2002.07 14–19
160. N.S.Sullivan, C.Parks, **P. STACHOWIAK,**  
**Nuclear Spin–Spin Relaxation in  $^3He$ –Ne Films.** (P)  
*23rd Int.Conf.on Low Temperature Physics,* HIROSHIMA, JP, 2002.08 20–27
161. **W. SUSKI,**  
**Preparation, Magnetic, and Related Properties of  $ThMn_{12}$ -Type Actinide and Lanthanide Compounds.** (L)  
*4th Sch.on Physics and Chemistry of Actinides,* EIN GEDI, IL, 2002.03 17–18
162. **W. SUSKI, B.Belan, A.Gilewski, T.Mydlarz, K. WOCHOWSKI,**  
**Magnetic Properties of  $NdMn_{12-x}Ni_x$  Alloys Reference System.** (L?)  
*8th Int.Conf.on Crystal Chemistry of Intermetallic Compounds,* LVIV, UA, 2002.09 25–28
163. **W. SUSKI, B.Belan, A.Gilewski, T.Mydlarz, K. WOCHOWSKI,**  
**Magnetic Properties of Tri-Sublattice  $LnMn_{12-x}T_x$  Alloys.** (L)  
*7th Korean-Polish Seminar on Physical Properties of Magnetic Materials,* WARSAW, PL, 2002.12 01–05
164. **W. SUSKI, A. CZOPNIK, K. WOCHOWSKI,**  
**Specific Heat of the  $UCu_{4+x}Al_{8-x}$  Derivatives.** (P)  
*32èmes Journées des Actinides,* EIN GEDI, IL, 2002.03 19–22
165. **W. SUSKI, A. CZOPNIK, K. WOCHOWSKI, M. SOŁYGA,**  
**Specific Heat of the  $UCu_{4+x}Al_{8-x}$  Derivatives.** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems,* CRACOW, PL, 2002.07 10–13
166. **W. SUSKI, A.Gilewski, T.Mydlarz, B.Belan, K. WOCHOWSKI,**  
**Magnetic Properties of  $RMn_{12-x}Ti_x$  Alloys in High Magnetic Fields.** (P)  
*Moscow Int.Symp.on Magnetism,* MOSCOW, RU, 2002.06 20–24
167. **W. SUSKI, K. WOCHOWSKI, T.Mydlarz, B.Belan,**  
**Magnetic Properties of  $SmMn_{12-x}Ni_x$  System.** (P)  
*4th Eur.Conf.on Physics of Magnetism,* POZNAŃ, PL, 2002.07 01–05
168. **M. SUSZYŃSKA, L. KRAJCZYK, B. MACALIK,**  
**Hydrogen-Induced Formation of Silver and Copper Nanoparticles in SLS Glasses.** (P)  
*2nd Int.Conf.on Nanomaterials by Severe Plastic Deformation (nano SPD2)* VIENNA, AT, 2002.12 09–13
169. **M. SUSZYŃSKA, L. KRAJCZYK, Z. MAZURKIEWICZ,**  
**TEM Studies of Silver Nanoparticles in Phase Separated Soda–Lime Silicate Glasses.** (P)  
*11th Int.Conf.on Electron Microscopy of Solids,* KRYNICA, PL, 2002.05 19–23
170. B.Świątek-Tran, H.A.Kołodziej, **V.H. TRAN, M.Baenitz, A.Vogt,**  
**Magnetism of  $Co(Co_3)(OH_2)_2(C_3H_4N_2)_2$ .** (P)  
*4th Eur.Conf.on Physics of Magnetism,* POZNAŃ, PL, 2002.07 01–05
171. K.Szamocka, **A. WAŚKOWSKA, I.Okońska-Kozłowska,**  
**The Crystal Growth and Crystal Structure of  $Ga_{2.14}Cr_{1.26}Se_{5.20}$ .** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28

172. **A. SZMYRKA-GRZEBYK**,  
**Permanently-Sealed Transportable Multi-Cell Temperature Standards Below 0° C.** (P)  
*Eur.Conf. Towards an Integrated Infrastructure for Measurements*, WARSAW, PL, 2002.06 18–19
173. **J. SZNAJD**,  
**Renormalization Group of the Weakly Interacting Spin Chains in a Field.** (P)  
*27th Conf.of the Middle-European Cooperation in Statistical Physics (MECO)* SOPRON, HU,  
 2002.03 07–09
174. **J. SZNAJD**,  
**Renormalization of the Weakly-Interacting Spin Chains in a Field.** (P)  
*32èmes Journées des Actinides*, EIN GEDI, IL, 2002.03 19–22
175. **J. SZNAJD**,  
**Introduction to the Modern Theory of Critical Phenomena.** (I)  
*NATO Adv.Stud.Inst.& COSLAB School*, CRACOW, PL, 2002.09 15–29
176. E.Talik, M.Kulpa, **W. SUSKI**, **R. TROĆ**,  
**Electronic Structure of the Compounds YFe<sub>4</sub>Al<sub>8</sub> and ScFe<sub>4</sub>Al<sub>8</sub> – Comparison with the Isostructural UFe<sub>4</sub>Al<sub>8</sub>.** (P)  
*32èmes Journées des Actinides*, EIN GEDI, IL, 2002.03 19–22
177. M.B.Tchoula-Tchokonté, P.de V. du Plessis, A.M.Strydom, **A. CZOPNIK**, **D. KACZOROWSKI**,  
**KONDO Properties in (Ce<sub>1-x</sub>La<sub>x</sub>)Cu<sub>5</sub>In.** (P)  
*8th Int.Conf.on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
178. I.S.Tereshina, S.A.Nikitin, G.A.Bezkorovainaya, **W. SUSKI**, **D. BADURSKI**,  
**Specific Features in Electrical and Magnetic Resistivity of RFe<sub>11</sub>Ti Single Crystals and Their Hydrides.** (P)  
*4th Eur.Conf.on Physics of Magnetism*, POZNAŃ, PL, 2002.07 01–05
179. I.S.Tereshina, S.A.Nikitin, **J. STEPIEŃ-DAMM**, **W. SUSKI**, A.A.Salamova, V.N.Verbitsky,  
**Structural and Magnetic Properties of Ho<sub>2</sub>Fe<sub>17</sub>H<sub>x</sub> (x = 0, 3) Single Crystals.** (P)  
*Moscow Int.Symp.on Magnetism*, MOSCOW, RU, 2002.06 20–24
180. H.Teterycz, A.Basińska, **R. KLIMKIEWICZ**,  
**Testy w reakcji konwersji CO z parą wodną katalizatorów przemian alkoholi.** [WGSr Tests of Catalysts of Alcohols Transformations.] (P)  
*XXXIV Og.pol.Kolokw. Katalityczne [34th Polish Coll.on Catalysis]* CRACOW, PL, 2002.03 20–22
181. **P.E. TOMASZEWSKI**,  
**Dziesięć lat bazy danych o przemianach fazowych.** [Ten Years of Phase Transitions Database.] (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28
182. **P.E. TOMASZEWSKI**,  
**Phase Transition Database Ten Years After.** (P)  
*19th Congr.& Gen.Assy of Int.Union of Crystallography*, GENEVA, CH, 2002.08 06–15
183. **P.E. TOMASZEWSKI**,  
**Złota księga przemian fazowych.** [“Golden Book” of Phase Transitions.] (P)  
*XLV Zj.Nauk. Pol.Tow.Chem., Symp. Sekcji Krystalochemii*, CRACOW – Mogilany, PL, 2002.09 07-07
184. **P.E. TOMASZEWSKI**, **M. WOŁCYRZ**, **K. HERMANOWICZ**, **J. HANUZA**,  
**Przemiany fazowe w kryształach KAl(MoO<sub>4</sub>)<sub>2</sub>:Cr<sup>3+</sup>.** [Phase Transitions in KAl(MoO<sub>4</sub>)<sub>2</sub>:Cr<sup>3+</sup> Crystal.] (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28

185. **V.H. TRAN, R. TROĆ, G. André, F. Bourée,**  
**Ferromagnetic Ordering in  $UFe_{0.5}Ni_{0.5}Al$ .** (C)  
*4th Eur. Conf. on Physics of Magnetism*, POZNAŃ, PL, 2002.07 01–05
186. **V.H. TRAN, R. TROĆ, A. CZOPNIK, Z. HENKIE, A. JEŻOWSKI, D. WŁOSEWICZ, F. Steglich,**  
**Thermodynamic and Transport Properties of the Heavy-Fermion Ferrimagnet  $UCu_5Sn$ .** (P)  
*8th Int. Conf. on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
187. **V.H. TRAN, R. TROĆ, F. Steglich, R. Hauser, E. Bauer, T. Komatsubara,**  
**Heavy-Fermion Characteristics in  $UCu_5Al$  Single Crystals.** (P)  
*8th Dutch-Pol. Colloq. on Condensed Matter Physics*, DUSZNIKI-Zdrój, PL, 2002.02 07–10
188. J. Trawczyński, B. Białobok, **M. ZAWADZKI,**  
**Perowskity La–Co: katalizatory dla procesów spalania związków organicznych.** [La–Co Perovskites: Catalysts for Combustion Processes of Organic Compounds.] (P)  
*XXXIV Og. pol. Kolokw. Katalityczne [34th Polish Colloq. on Catalysis]* CRACOW, PL, 2002.03 20–22
189. J. Trawczyński, B. Białobok, **M. ZAWADZKI,**  
**La–Co Perovskite Catalysis — Preparation, structure and Application for Organics Combustion.** (P)  
*4th Int. Conf. on Catalysis and Adsorption in Fuel Processing and Environmental Protection*, KUDOWA Zdrój, PL, 2002.09 18–21
190. **R. TROĆ,**  
**Magnetic Fluctuations in the Ordered State of the Ferromagnetic Superconductor  $UGe_2$ .** (I)  
*8th Dutch-Pol. Colloq. on Condensed Matter Physics*, DUSZNIKI-Zdrój, PL, 2002.02 07–10
191. **R. TROĆ,**  
**The 50th Anniversary of the Discovery of the Ferromagnetism in Uranium Hydride by Trzebiatowski *et al.*** (L)  
*4th Sch. on Physics and Chemistry of Actinides*, EIN GEDI, IL, 2002.03 17–18
192. **R. TROĆ,**  
**Magnetic Fluctuations in the Ordered State of the Ferromagnetic Superconductor  $UGe_2$ .** (L)  
*32èmes Journées des Actinides*, EIN GEDI, IL, 2002.03 19–22
193. **R. TROĆ,**  
**Scientific Activity of Professor Włodzimerz Trzebiatowski.** (L)  
*50th Anniv. of the First 5f-electron Ferromagnet Discovery*, WROCŁAW, PL, 2002.07 06–08
194. **R. TROĆ,**  
**Magnetic Fluctuations in the Ordered State of the Ferromagnetic Superconductor,  $UGe_2$ .** (P)  
*8th Int. Conf. on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
195. **R. TROĆ,**  
**Życie i twórczość naukowa profesora W. Trzebiatowskiego.** [Life and Scientific Work of Professor Włodzimerz Trzebiatowski.] (L)  
*Symp. Nauk. Poświęcone Życiu i Twórczości Profesora Włodzimerza Trzebiatowskiego [W. Trzebiatowski Memorial Symposium]* WROCŁAW, PL, 2002.11 20
196. **R. TROĆ,**  
**Związki Uranu.** [Uranium Compounds.] (C)  
*Symp. Nauk. poświęcone życiu i twórczości Profesora Włodzimerza Trzebiatowskiego [W. Trzebiatowski Memorial Symposium]* WROCŁAW, PL, 2002.11 20
197. **R. TROĆ, C. SUŁKOWSKI, H. MISIOREK,**  
**Magnetic Fluctuations in the Ordered State of the Ferromagnetic Superconductor  $UGe_2$ .** (I)  
*8th Int. Conf. on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13

198. **R. TROĆ, K. WOCHOWSKI, A. CZOPNIK, H. MISIOREK, C. SUŁKOWSKI, D. WŁOSEWICZ,**  
T.Komatsubara,  
**Magnetotransport and Thermal Properties of  $UF_{e_5}Sn$  Single Crystal.** (P)  
*32èmes Journées des Actinides*, EIN GEDI, IL, 2002.03 19–22
199. **R. TROĆ, K. WOCHOWSKI, A. CZOPNIK, H. MISIOREK, C. SUŁKOWSKI, D. WŁOSEWICZ,**  
T.Komatsubara,  
**Magnetic Fluctuations in the Ordered State of the Ferromagnetic Superconductor  $UGe_2$ .** (C)  
*32èmes Journées des Actinides*, EIN GEDI, IL, 2002.03 19–22
200. **J. ULNER, K. DURCZEWSKI,**  
**Magnetic Field Effects in Crystal Field Excitations and Sound Velocity in Paramagnetic  
Insulators.** (P)  
*16th Eur.Conf.on Thermophysical Properties (ETCP 2002)* LONDON, E, UK, 2002.09 01–04
201. A.H.Vuorimäki, E.E.Ylinen, **B. NOWAK, O.J. ŻOGAŁ,**  
**From Metallic to Insulating Regime in  $Y-H(D)$  System:  $^{89}Y$  NMR Study.** (P)  
*Int.Symp.on Metal-Hydrogen Systems*, ANNECY, FR, 2002.09 02–06
202. **A. WAŚKOWSKA, L.Gerward, M. MAĆZKA, M. WOŁCYRZ,**  
**Negative Thermal Expansion in  $Sc_2(MoO_4)_3$ .** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28
203. **A. WAŚKOWSKA, L.Gerward, J.Staun Olsen, E.Malicka,**  
**Crystal Lattice Dilatation in Cd–Cr–Se Spinels with Gallium Admixtures.** (P)  
*19th Congr.& Gen.Assy of Int.Union of Crystallography*, GENEVA, CH, 2002.08 06–15
204. **P. WIŚNIEWSKI,**  
**Magnetism, Hybridization and Anisotropy in Some Uranium Pnictides.** (C)  
*Worksh.on Current Topics in Materials Research at MPI Chem.Phys.fest.Stoffe*,  
DRESDEN, DE, 2002.10 27–29
205. **P. WIŚNIEWSKI, Z. HENKIE,**  
**Magneto-Galvanic Mechanism in Anisotropy of Resistivity and Thermoelectric Power in  $U_3P_4$   
and  $U_3As_4$ .** (P)  
*4th Eur.Conf.on Physics of Magnetism*, POZNAŃ, PL, 2002.07 01–05
206. **A. WOJAKOWSKI, T. CICHOREK, R. WAWRYK, Z. HENKIE, F.Steglich,**  
**Transport and Thermodynamic Properties of the Uranium Pnictochalcogenide UPS.** (P)  
*32èmes Journées des Actinides*, EIN GEDI, IL, 2002.03 19–22
207. J.Wojtkiewicz, **R. LEMAŃSKI,**  
**Ground States of the Spin-1/2 FALICOV–KIMBALL Model.** (P)  
*4th Eur.Conf.on Physics of Magnetism*, POZNAŃ, PL, 2002.07 01–05
208. **P. WRÓBEL, R.Eder,**  
**Excitons in the Upper HUBBARD Band.** (P)  
*3rd Int.Worksh.on Magnetism and Superconductivity of Advanced Materials*, ŁĄDEK-Zdrój, PL,  
2002.07 14–19
209. **P. WRÓBEL, R.Eder, R.Micnas,**  
**Pairing and Pseudogap in Doped Antiferromagnets.** (C)  
*8th Int.Conf.on Strongly Correlated Electron Systems*, CRACOW, PL, 2002.07 10–13
210. DF.Xue, **H. RATAJCZAK,**  
**The Search for New Molecular Materials for Nonlinear Optics: Design and Structural and  
Optical Studies.** (L)  
*Int.Conf.on Molecular Materials: From Synthesis to Applications*, PARIS, FR, 2002.10 23–26

211. **T.A. ZALESKI, T.K. KOPEĆ,**  
**SO(5) Superconductor in a ZEEMAN Magnetic Field.** (P)  
*3rd Int. Worksh. on Magnetism and Superconductivity of Advanced Materials*, ŁĄDEK-Zdrój, PL, 2002.07 14–19
212. V.I.Zaremba, Ya.Galadzhun, Ya.Kalychak, **J. STEPIEŃ-DAMM,**  
 **$R_{12}Pt_7In$  ( $R = Ce, Pr, Nd, Gd, Ho$ ) – New Representatives of Superstructure of  $Gd_3Ga_2$ -Type.** (P)  
*XLIV Konwers. Krystalograficzne [44th Polish Crystallographic Meet.]* WROCLAW, PL, 2002.06 27–28
213. **M. ZAWADZKI, H. GRABOWSKA, W. MIŚTA,**  
**Hydrothermal Preparation and Catalytic Activity of Copper Oxide Supported on Zinc Aluminate Spinel.** (P)  
*4th Int. Conf. on Catalysis and Adsorption in Fuels Processing and Environmental Protection*, KUDOWA Zdrój, PL, 2002.09 18–21
214. J.Ziaja, M.Jaroszewski, A.Gubański, **W. MIŚTA,**  
**Wpływ temperatury wygrzewania na właściwości warystorowe warstw ZnO.** [Influence of Sintering Temperature on Varistor Characteristics of ZnO Thin Films.] (C)  
*VI Og.pol.Symp. Inżynierii Wysokich Napięć [All-Polish Semin. on High Voltage Engng]* POZNAŃ/Kiekrz, PL, 2002.05 20–22
215. J.Ziaja, M.Jaroszewski, A.Gubański, **W. MIŚTA,**  
**Wpływ wodoru na właściwości warstw Zn–Bi–O.** [Influence of Hydrogen on Properties of Zn–Bi–O Thin Films.] (C)  
*VI Og.pol.Symp. Inżynierii Wysokich Napięć [All-Polish Semin. on High Voltage Engng]* KIEKRZ & POZNAŃ, PL, 2002.05 20–22
216. **O.J. ŻOGAŁ,** F.Beuneu, P.Vajda, P.Florian, D.Massiot,  
**Metallic Li Colloids Studied by  $^7Li$  MAS NMR in Electron-Irradiated LiF.** (L)  
*9th Europhys. Conf. on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
217. **O.J. ŻOGAŁ, B. NOWAK,**  
**Deuterium and  $^{89}Y$  NMR in Switchable Mirror System: YH(D).** (I)  
*10th Sch. AMPÉRE of Nuclear Magnetic Resonance*, ZAKOPANE, PL, 2002.06 02–07
218. E.Zych, **D. HRENIAK, W. STREK,**  
**Cathodoluminescence of  $Lu_2O_3:Eu$ .** (C)  
*9th Europhys. Conf. on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
219. E.Zych, **D. HRENIAK, W. STREK,**  
**Spectroscopy and Structure of RE-Doped  $Lu_2O_3$ .** (P)  
*9th Europhys. Conf. on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
220. E.Zych, J.Trojan-Piegza, **D. HRENIAK,** T.Lis, **W. STREK,** W.Mielcarek,  
**Spectroscopy and Structure of Eu-Doped Nanostructured  $Lu_2O_3$ .** (C)  
*9th Europhys. Conf. on Defects in Insulating Materials*, WROCLAW, PL, 2002.07 01–05
-