

## LISTA PUBLIKACJI 1997

### LIST of PUBLICATIONS

#### KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE BOOKS, MONOGRAPHS & REVIEWS

1. **W. SUSKI**, T.Palewski,  
[2 Magnetic Properties of Binary Lanthanide and Actinide Oxides.]  
**2.1 Binary Lanthanide Oxides.**  
In: *Landolt-Börnstein Numerical Data and Functional Relationship in Science and Technology, New Series*, ed. by W.Martienssen, Group III: *Condensed Matter*, Vol. 27: *Magnetic Properties of Non-Metallic Inorganic Compounds Based on Transition Elements*, ed. by H.P.J. Wijn, Subvol. C1: *Binary Actinide Oxides* (Springer-Vg, Berlin 1997) Pt. 2.1, 127 pp.

#### ARTYKUŁY W CZASOPISMACH NAUKOWYCH ARTICLES IN SCIENTIFIC JOURNALS

2. D.Andrzejewski, **K. MARUSZEWSKI**, H.Podbielska, A.Sidorowicz, **W. STREK**, A.Ulatowska,  
**Sol-Gel Optodes for Environmental and Medical Applications.**  
*Proc. SPIE* **2976** (1997. 06) 137–41. [\[DOI\]](#)  
*[2nd] Int. Conf. on Biomedical Sensing, Imaging, and Tracking Technologies II (Photonics West '97)* SAN JOSE, CA, USA, 1997.02 11–13
3. G.André, F.Bourée, A.Oleś, B.Penc, W.Sikora, A.Szytuła, **A. ZYGMUNT**,  
**Magnetic Ordering of  $R\text{NiSb}_2$  ( $R = \text{Pr, Nd}$  and  $\text{Tb}$ ) Compounds Studied by Neutron Diffraction and Magnetic Measurements.**  
*J. Alloy. Compd.* **255**<sub>1/2</sub> (1997) 31–42. [\[DOI\]](#)
4. G.André, F.Bourée, **K. WOCHOWSKI**, **W. SUSKI**,  
**Magnetic Structure of the  $\text{UCu}_{4-x}\text{Ni}_x\text{Al}_8$  System.**  
*Solid State Commun.* **104**<sub>4</sub> (1997) 189–92. [\[DOI\]](#)
5. Tran Kim Anh, Le Quoc Minh, **W. STREK**, Ch.Barthou,  
**Energy Transfer and Dynamic Luminescence of Material Containing Rare Earth Ions Used in X-ray Medical Imaging.**  
*J. Lumin.* **72-74** (1997. 06) 745–7. [\[DOI\]](#)  
*Int. Conf. on Luminescence & Optical Spectroscopy of Condensed Matter*, PRAGUE, CZ, 1996.08 18–23
6. K.Antonova, P.Byshewski, G.Zhizhin, J.Piechota, **M. MARCHEWKA**,  
**FT-IR and RAMAN Spectroscopy of  $\text{C}_{58}\text{BN}$ .**  
*Mikrochim. Acta* Nr 14 Suppl. (1997) 271–3.  
*10th Int. Conf. on Progress in Fourier-Transform Spectroscopy*, BUDAPEST, HU, 1995.08 27 –09 01
7. D.Aoki, Y.Katayama, R.Settai, Y.Inada, Y.Ōnuki, H.Harima, **Z. KLETOWSKI**,  
**FERMI Surface Properties and Metamagnetism in the Antiferroquadrupolar Compound  $\text{PrPb}_3$ .**  
*J. Phys. Soc. Japan* **66**<sub>12</sub> (1997) 3988–95. [\[DOI\]](#)

8. В.Е.Архипов, В.П.Дякина, С.Г.Карабашев, В.В.Марченков, Я.М.Муковский, В.Е.Наиш,  
В.Е.Старцев, Е.П.Хлыбов, **A. CZOPNIK**,  
**Магнитосопротивление и магнетизация монокристалла мanganита лантанния  $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ .**  
[Magnetoresistance and Magnetization in Single- Crystal Lanthanum Manganite  $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ .]  
*Физ. Mem. Metalloved.* **84** 6 (1997) 93–103 [in Russian].  
Engl. in: *Phys. Met. Metallogr.* **84** 6 (1997) 638–44.
9. S.Åsbrink, **A. WAŚKOWSKA, M. DROZD**, E.Talik,  
**Physical Properties and X-ray Diffraction of a  $\text{NiMn}_2\text{O}_4$  Single Crystal Below and Above  
the Ferrimagnetic Transition at  $T_c = 145$  K.**  
*J. Phys. Chem. Solids* **58** 5 (1997) 725–9. [\[DOI\]](#)
10. T.Baczyńska, **L. KĘPIŃSKI**, M.Seweryniak, **J. WRZYSZCZ, M. ZAWADZKI**,  
**Catalyst for HCN Synthesis by ANDRUSSOV's Method, Modified by Aluminium Oxide.**  
*Catal. Lett.* **44** 3/4 (1997) 217–9. [\[DOI\]](#)
11. **M. BAŁUKA, A. WYROSTEK**,  
**Optical Properties of Thin Film Systems: Potassium Chloride (Matrix) – Metal (Ag,Cu).**  
*Electron Technol.* **30** 2 (1997) 199–201.  
4th Semin.on Surface and Thin Film Structures, KAZIMIERZ DOLNY, PL, 1996.09 18–21
12. A.Barabash, **J. BARAN**, T.Gavrilko, E.Eshimov, G.Puchkovskaya, **H. RATAJCZAK**,  
**Structure and Dynamics of Crystal  $\alpha$ -Modification of Potassium Biiodate.**  
*J. Mol. Struct.* **404** 1/2 (1997) 187–91. [\[DOI\]](#)  
3rd Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCŁAW & PRZESIEKA, PL, 1995.12 07–10
13. **J. BARAN**, A.J.Barnes, **M. MARCHEWKA, A. PIETRASZKO, H. RATAJCZAK**,  
**Structure and Vibrational Spectra of the bis(Betaine)-Selenic Acid Molecular Crystal.**  
*J. Mol. Struct.* **416** 1–3 (1997) 33–41. [\[DOI\]](#)
14. **J. BARAN**, Z.Czapla, **M. DROZD**, M.M.Ilczyszyn, **M. MARCHEWKA, H. RATAJCZAK**,  
**Polarized TF-IR and RAMAN Spectra of Betaine Phosphite Single Crystal. I. Paraelectric Phase.**  
*J. Mol. Struct.* **403** 1/2 (1997) 17–37. [\[DOI\]](#)
15. **J. BARAN**, Z.Dega-Szafran, M.Jaskólski, M.K.Marchewka, H.Ratajczak, M.Szafran,  
**X-Ray, Phase Transition, IR and Raman Studies of the Solid State Complex of bis(Pyridyne  
Betaine)–Sulphuric Acid.**  
*J. Mol. Struct.* **406** 1/2 (1997) 127–35. [\[DOI\]](#)
16. **J. BARAN, M.K. MARCHEWKA, H. RATAJCZAK**,  
**Polarized IR and RAMAN Spectra of  $\text{Na}_5\text{H}_3(\text{SeO}_4)_4 \cdot 2\text{H}_2\text{O}$  Single Crystal.**  
*J. Mol. Struct.* **436/437** (1997.12) 257–79. [\[DOI\]](#)
17. **J. BARAN, M.K. MARCHEWKA, H. RATAJCZAK, Z.Czapla**,  
**Polarized Vibrational Studies of  $\text{Rb}_4\text{LiH}_3(\text{SO}_4)_4$  and  $\text{Rb}_4\text{LiD}_3(\text{SO}_4)_4$  Crystals.**  
*J. Mol. Struct.* **436/437** (1997.12) 281–300. [\[DOI\]](#)
18. **J. BARAN, M. ŚLEDŹ**, R.Jakubas, G.Bator,  
**Ferroelectric Phase Transition in Deuterated Glycinium Phosphate Crystals.**  
*Phys. Rev. B* **55** 1 (1997) 169–72. [\[DOI\]](#)
19. S.Baran, M.Hofmann, J.Leciejewicz, M.Ślaski, A.Szytuła, **A. ZYGMUNT**,  
**Antiferromagnetism of Ternary Lanthanide Stannides  $\text{RAuSn}$  ( $R = \text{Pr, Nd, Gd-Er}$ ).**  
*J. Phys. Cond. Matt.* **9** 42 (1997) 9053–63. [\[DOI\]](#)
20. S.Baran, V.Ivanov, J.Leciejewicz, N.Stüßer, A.Szytuła, **A. ZYGMUNT**, Yong-fan Ding,  
**Magnetism of Ternary Stannides  $\text{RCuSn}$  ( $R = \text{Gd-Er}$ ).**  
*J. Alloy. Compd.* **257** 1/2 (1997) 5–13. [\[DOI\]](#)

21. S.Baran, J.Leciejewicz, N.Stüßer, A.Szytuła, **A. ZYGMUNT**, Yong-fan Ding,  
**Neutron Diffraction Study of Magnetic Ordering in  $R\text{AgSn}$  ( $R=\text{Ce, Pr, Nd, Gd, Tb, Dy, Ho, Er}$ ) Compounds.**  
*J. Magn. Magn. Mater.* **170**<sub>1/2</sub> (1997) 143–54. [\[DOI\]](#)
22. S.Baran, J.Leciejewicz, N.Stüßer, A.Szytuła, Z.Tomkowicz, **A. ZYGMUNT**,  
**Magnetic Properties of  $RC\text{uGe}$  ( $R=\text{Pr, Nd, Gd, Tb, Dy, Ho, Er}$ ) Compounds.**  
*Acta Phys. Pol. A* **92**<sub>2</sub> (1997) 271–5.  
*Eur. Conf. on Physics of Magnetism '96*, POZNAN, PL, 1996.06 24–28
23. S.Baran, A.Szytuła, J.Leciejewicz, N.Stüßer, **A. ZYGMUNT**, Z.Tomkowicz, M.Guillot,  
**Magnetic Structures of  $RC\text{uGe}$  Compounds.**  
*Physica B* **234-6** (1997.06) 656–8. [\[DOI\]](#)  
*1st Eur. Conf. on Neutron Scattering*, INTERLAKEN, CH, 1996.10 08–11
24. L.E.Batay, A.N.Kuz'min, G.I.Ryabtsev, A.A.Demidovich, **W. STĘK**,  
**An Express Method for Optical Multichannel Analyzer Calibration in the Near-IR Spectral Range.**  
*Lith. J. Phys.* **37**<sub>4</sub> (1997) 361–4. Also in: *Lith. Phys. J. (USA)* **37**<sub>4</sub> (1997) 305–7.  
*12th Lithuanian-Belorussian Worksh.on Lasers and Optical Nonlinearity*, PREILA, LT, 1996.09 30 –10 03
25. В.Н.Богомолов, Д.А.Курдюков, Л.С.Парфеньева, А.В.Прокофьев, С.М.Самойлович,  
И.А.Смирнов, **А. ЯЗОВСКИ, J. MUCHA, H. MISIOREK**,  
**Особенности теплопроводности синтетических опаллов.** [Specific Features in the Thermal Conductivity of Synthetic Opals.]  
*Физ. Твёрд. Тела* **39**<sub>2</sub> (1997) 392–8 [in Russian]. Engl. in: *Phys. Solid State* **39**<sub>2</sub> (1997) 341–6. [\[DOI\]](#)
26. **E. BOROŃSKI**, T.Jarlborg,  
**On Electron–Positron Scattering in Metal Lattices.**  
*Nukleonika* **42**<sub>1</sub> (1997) 33–8.  
XXVIII Semin. Anihilacji Pozytronów [28th Semin.on Positron Annihilation] JARNOŁTÓWEK, PL, 1996.09 08–13
27. E.Carbon, **A. DRZEWIŃSKI**,  
**Effect of Gravity and Confinement on Phase Equilibria: A Density Matrix Renormalization Approach.**  
*Phys. Rev. Lett.* **79**<sub>9</sub> (1997) 1591–4. [\[DOI\]](#)
28. P.Ciąpała, R.Jakubas, G.Bator, J.Zaleski, **A. PIETRASZKO**, M. DROZD, **J. BARAN**,  
**On Structural Phase Transitions in *n*-Butylammonium Chloroantimonate(III) and Chlorobismutate Crystals: X-ray, Differential Scanning Calorimetry, Dilatometric and Dielectric Dispersion Studies.**  
*J. Phys. Cond. Matt.* **9**<sub>3</sub> (1997) 627–45. [\[DOI\]](#)
29. N.A.Davydova, **J. BARAN**, M.K. MARCHEWKA, H. RATAJCZAK,  
**Interface Vibrational Modes in Layered Crystals with Stacking Faults.**  
*J. Mol. Struct.* **404**<sub>1/2</sub> (1997) 163–5. [\[DOI\]](#)  
3rd Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCŁAW & PRZESIEKA, PL, 1995.12 07–10
30. A.A.Demidovich, L.E.Batay, A.N.Kuz'min, G.I.Ryabtsev, **W. STĘK**,  
**Tunable LD Pumped BEL:Nd CW Green Laser Operated at Four Wavelengths.**  
*Proc. SPIE* **3176** (1997.11) 266–8. [\[DOI\]](#)  
2nd Int.Conf.on Tunable Solid State Lasers, WROCŁAW, PL, 1996.09 01–04
31. A.A.Demidovich, A.P.Shkadarevich, L.E.Batay, V.P.Gribkovskii, A.N.Kuz'min, G.I.Ryabtsev,  
**W. STĘK, P.J. DEREŃ**,  
**Temperature and Light Feedback Instabilities of LD Pumped Nd:KGW CW Green Laser.**  
*Proc. SPIE* **3176** (1997.11) 272–7. [\[DOI\]](#)  
2nd Int.Conf.on Tunable Solid State Lasers, WROCŁAW, PL, 1996.09 01–04

32. A.A.Demidovich, A.P.Shkadarevich, L.E.Batay, A.N.Kuz'min, G.I.Ryabtsev, **W. STRĘK**,  
A.A.Kaminskiĭ,  
**La<sub>3</sub>Ga<sub>5.5</sub>Nb<sub>0.5</sub>O<sub>14</sub>:Nd** Laser Properties under LD Pumping.  
*Proc. SPIE* **3176** (1997.11) 269–71. [\[DOI\]](#)  
2nd Int.Conf.on Tunable Solid State Lasers, WROCŁAW, PL, 1996.09 01–04
33. **P.J. DEREŃ**, J.Derouet, P.Porcher, D.Svoronos,  
**Spectroscopic Properties of Cs<sub>2</sub>ZnCl<sub>4</sub>:Co<sup>2+</sup>**.  
*J. Mol. Struct.* **404**<sub>1/2</sub> (1997) 167–74. [\[DOI\]](#)  
3rd Natl.Conf.on Molecular Spectroscopy (w.Int.Part.) WROCŁAW & PRZESIEKA, PL, 1995.12 07–10
34. **P.J. DEREŃ**, J.Feries, J.-C.Krupa, **W. STRĘK**,  
**Anti-STOKES Emission in LaCl<sub>3</sub> Doped with U<sup>3+</sup> and Pr<sup>3+</sup> Ions.**  
*Chem. Phys. Lett.* **264**<sub>4</sub> (1997) 614–8. [\[DOI\]](#)
35. **P.J. DEREŃ**, J.-C.Krupa, **W. STRĘK**,  
**Anti-STOKES Emission from LaCl<sub>3</sub>:U<sup>3+</sup> and LaCl<sub>3</sub>:U<sup>3+</sup>,Pr<sup>3+</sup>.**  
*J. Lumin.* **72-74** (1997. 06) 655–7. [\[DOI\]](#)  
Int.Conf.on Luminescence & Optical Spectroscopy of Condensed Matter, PRAGUE, CZ, 1996.08 18–23
36. **H. DRULIS**,  
**Przejścia metal–izolator lub metal–półprzewodnik w wodorkach lantanowców.**  
[Metal-to-Insulator or Metal-to-Semiconductor Transitions in Lanthanide Hydrides.]  
*Wiadom. Chem.* **51**<sub>7/8</sub> (1997) 491–8 [in Polish].
37. **M. DRULIS**,  
**Low Temperature Heat Capacity and Magnetic Measurements of Uranium 3d-Metal Hydrides.**  
*Pol. J. Chem.* **71**<sub>12</sub> (1997) 1803–8.
38. Z.Drzazga, A.Winiarska, A.Chrobak, **D. KACZOROWSKI**,  
**Structural and Magnetic Properties of Dy(Fe,V,Si)<sub>12</sub> Compounds.**  
*Acta Phys. Pol. A.* **92**<sub>2</sub> (1997) 335–8.  
Eur.Conf.on Physics of Magnetism '96, POZNAŃ, PL, 1996.06 24–28
39. P.A.Duda, **P.J. DEREŃ**, **W. STRĘK**, K.M.Abramski, A.N.Kuz'min, A.A.Demidovich, G.I.Ryabtsev,  
**Monolithic Solid State Lasers Pumped Longitudinally by Diode Lasers.**  
*Proc. SPIE* **3176** (1997.11) 278–81. [\[DOI\]](#)  
2nd Int.Conf.on Tunable Solid State Lasers, WROCŁAW, PL, 1996.09 01–04
40. P.A.Duda, P.J.Dereń, **W. STRĘK**, K.M.Abramski, A.N.Kuz'min, A.A.Demidovich, G.I.Ryabtsev,  
**Laser Action Comparison of Nd<sup>3+</sup> in YAG and KGW Crystals Pumped Longitudinally by Diode Lasers.**  
*Proc. SPIE* **3186** (1997.08) 306–9. [\[DOI\]](#)  
5th Int.Conf.on Laser Technology: Physics, Research, and Development Trends, SZCZECIN & SWINOJSCIE, PL, 1996.09 23–27
41. **M. DUDZIŃSKI**, **J. SZNAJD**,  
**SUZUKI–TROTTER Decomposition and Renormalization of a Traverse-Field ISING Model in Two Dimensions.**  
*Phys. Rev. B* **55**<sub>22</sub> (1997) 14 948–52. [\[DOI\]](#)
42. S.B.Dugdale, H.M.Fretwell, A.A.Alam, **G. KONTRYM-SZNAJD**, R.N.West, S.Badrzadeh,  
**Direct Observation and Caliperig of the “Webbing” FERMI Surface of Yttrium.**  
*Phys. Rev. Lett.* **79**<sub>5</sub> (1997) 941–4. [\[DOI\]](#)
43. S.B.Dugdale, H.M.Fretwell, M.A.Alam, R.N.West, N.Shiotani, **G. KONTRYM-SZNAJD**,  
**Fermiology through 2D-ACAR and COMPTON Scattering: A New Approach.**  
*Nukleonika* **42**<sub>1</sub> (1997) 103–8.  
XXVIII Semin.Anihilacji Pozytronów [28th Semin.on Positron Annihilation] JARNOLTÓWEK, PL, 1996.09 08–13

44. P.de V.Du Plessis, **V.H. TRAN**,  
**Influence of Substitutions on the Physical Properties of CeInCu<sub>2</sub>**.  
*J. Phys. Cond. Matt.* **9**<sub>40</sub> (1997) 8527–37. [\[DOI\]](#)
45. **K. EJSMONT, R. KUBIAK**,  
**Isostructural Complexes of M(IV)PcI<sub>2</sub> (M = Ge, Sn).**  
**[Diiodo(Phthalocyaninato) Germanium(IV) and -Tin(IV)].**  
*Acta Cryst. C* **53**<sub>8</sub> (1997) 1051–4. [\[DOI\]](#)
46. **Z. GAJEK**, J.C.Krupa, E.Antic-Fidancev,  
**Optical Absorption Spectra of the Uranium (4+) Ion in the Thorium Germanate Matrix.**  
*J. Phys. Cond. Matt.* **9**<sub>2</sub> (1997) 557–67. [\[DOI\]](#)
47. **Z.M. GALASIEWICZ**,  
**The Problem of the “Charge”  $Q^{(4)} = \text{div } v_s$  for Superfluid Velocity in Case of BOSE Systems.**  
*J. Phys. Stud. (UA)* **1**<sub>4</sub> (1997) 551–3.
48. **E. GAŁDECKA**, Z.Gałecki, E.Huskowska, V.Amirkhanov, J.Legendziewicz,  
**Crystal Structure and Optical Properties of Ln(III) Octahedral Complexes with Hexamethylphosphortriamide, [Ln(HMPA)<sub>6</sub>](ClO<sub>4</sub>)<sub>3</sub>.**  
*J. Alloy. Compd.* **257**<sub>1/2</sub> (1997) 182–90. [\[DOI\]](#)
49. **H. GRABOWSKA, W. MIĘSTA**, L.Syper, **J. WRZY SZCZ, M. ZAWADZKI**,  
**Catalytic Alkylation of 2-Naphthol with C<sub>1</sub>–C<sub>3</sub> Alcohols.**  
*Res. Chem. Intermed.* **23**<sub>2</sub> (1997) 135–41.
50. G.E.Grechnev, A.Delin, O.Eriksson, B.Johansson, A.S.Panfilov, I.V.Svechkarev, **D. KACZOROWSKI**,  
**Pressure Effect on Magnetic Properties of UGa<sub>3</sub>**.  
*Acta Phys. Pol. A* **92**<sub>2</sub> (1997) 331–3.  
*Eur.Conf.on Physics of Magnetism '96*, POZNAN, PL, 1996.06 24–28
51. G.E.Grechnev, A.S.Panfilov, I.V.Svechkarev, **A. CZOPNIK, W. SUSKI, A. HACKEMER**,  
**The Effect of Pressure on the Magnetic Susceptibility of CeIn<sub>3-x</sub>Sn<sub>x</sub> Alloys.**  
*J. Phys. Cond. Matt.* **9**<sub>32</sub> (1997) 6921–30. [\[DOI\]](#)
52. K.Griesar, A.Athanassopoulou, E.A.Soto Bustamante, Z.Tomkowicz, **A.J. ZALESKI**, W.Haase,  
**A Ferrimagnetically Coupled Liquid Crystal.**  
*Adv. Mater.* **9**<sub>1</sub> (1997) 45–8.
53. A.Grofcsik, M.Kubyenyi, **J. BARAN**, W.J.Jones,  
**Az inverz RAMAN-spektroszkópia alkamazása folyadékkristályok szerkezetvizsgálatában.**  
[Application of Inverse RAMAN Spectroscopy for the Study of the Structures of Liquid Crystals.]  
*Magyar Kem. Fol.* **103**<sub>9</sub> (1997) 437–42 [in Hungarian].
54. A.Grofcsik, M.Kubyenyi, W.J.Jones, R.Allott, **J. BARAN**,  
**Inverse RAMAN Study of Liquid Crystals.**  
*J. Mol. Struct.* **408/409** (1997.06) 513–6. [\[DOI\]](#)  
*23rd Eur.Congr.on Molecular Spectroscopy*, BALATONFÜRED, HU, 1996.08 25–30
55. A.Grofcsik, M.Kubyenyi, **J. BARAN**, W.J.Jones, R.Allott,  
**Inverse RAMAN Study of the Orientational Behavior of Nematic 4-Cyano-4'-Pentylbiphenyl (5CB) Liquid Crystals Samples.**  
*ACH Mod. Chem.* **134**<sub>2/3</sub> (1997) 189–98.
56. A.Gukasov, **P. WIŚNIEWSKI, Z. HENKIE**,  
**Neutron Diffraction Study of Magnetic Structure of U<sub>3</sub>Bi<sub>4</sub> and U<sub>3</sub>Sb<sub>4</sub>**.  
*Physica B* **234-6** (1997.06) 694–5. [\[DOI\]](#)  
*1st Eur.Conf.on Neutron Scattering (ECNS'96)* INTERLAKEN, CH, 1996.10 08–11

57. J. HANUZA, A. HAZNAR, M. MĄCZKA, A. PIETRASZKO, A.Lemiec, J.H.van der Maas, E.T.G.Lutz,  
**Structure and Vibrational Properties of Tetragonal Scheelite, NaBi(MoO<sub>4</sub>)<sub>2</sub>.**  
*J. Raman Spectr.* **28** <sub>12</sub> (1997) 953–63. [\[DOI\]](#)
58. J. HANUZA, M. MĄCZKA, A. WAŚKOWSKA, W. OGANOŃSKI, M. ANDRUSZKIEWICZ, H.Ban-Oganowska, B.Lutz, J.H.van der Maas,  
**Structural and Spectroscopic Evidence of Hydrogen Bonding in 3-Bromo-5-Hydroxy-2,6-Dimethylpyridine and 3-Chloro-5-Hydroxy-2,6-Dimethylpyridine.**  
*J. Mol. Struct.* **404** <sub>1/2</sub> (1997) 33–45. [\[DOI\]](#)  
*3rd Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & PRZESIEKA, PL, 1995.12 07–10
59. J. HANUZA, M. MĄCZKA, A. WAŚKOWSKA, W. OGANOŃSKI, H.Ban-Oganowska, B.Lutz, J.H.van der Maas,  
**Intermolecular  $=\text{C}-\text{H}\cdots\text{O}-\text{N}$  Interaction in 3-Bromo-2,6-Dimethyl-4-Methylthiopyridine Derivatives.**  
*J. Mol. Struct.* **408/409** (1997. 06) 349–54. [\[DOI\]](#)  
*23rd Eur.Congr.on Molecular Spectroscopy*, BALATONFÜRED, HU, 1996.08 25–30
60. J. HANUZA, M. MĄCZKA, A. WAŚKOWSKA, W. OGANOŃSKI, H.Ban-Oganowska, B.Lutz, J.H.van der Maas,  
**Observation of Attractive Intermolecular  $=\text{C}-\text{H}\cdots\text{O}$  Interaction in the Crystal Packing of 3-Chloro- and 3-Bromo-2,6-Dimethyl-4-Nitropyridine N-Oxide.**  
*Vibr. Spectr.* **14** <sub>1</sub> (1997) 49–58. [\[DOI\]](#)
61. J. HANUZA, M. MĄCZKA, A. WAŚKOWSKA, W. OGANOŃSKI, H.Ban-Oganowska, B.Lutz, J.H.van der Maas,  
**The Unique Molecular Disorder of Crystalline 4-Chloro-2,6-Dimethyl-3-Iodopyridine N-Oxide. An X-ray and Spectroscopic Study.**  
*J. Chem. Soc.- Perkin Trans. 2.* Nr 10 (1997) 2039–44. [\[DOI\]](#)
62. R.Hauser, E.Bauer, G.Hilscher, H.Michor, D. KACZOROWSKI,  
**Pressure and Field Dependent Studies of CeNiGa<sub>2</sub>.**  
*Physica B* **237/378** (1997. 07) 205–6. [\[DOI\]](#)  
*XLV Yamada Conf.on Physics of Transition Metals*, OSAKA, JP, 1996.09 24–27
63. R.Hauser, H.Michor, E.Bauer, G.Hilscher, D. KACZOROWSKI,  
**Specific Heat and Electrical Resistivity of Ce<sub>2</sub>T<sub>2</sub>In, T = Ni, Rh, Pt, Pd, Cu and Au.**  
*Physica B* **230-2** (1997.02) 211–3. [\[DOI\]](#)  
*[5th] Int.Conf.on Strongly Correlated Electron Systems, SCES'96,* ZÜRICH, CH, 1996.08 19–22
64. S.Hayashi, B. NOWAK, S.Orimo, H.Fujii,  
**<sup>1</sup>H NMR and Magnetization Measurements of a Nanostructured Composite Material of the Mg<sub>2</sub>Ni–H System Synthesized by Reactive Mechanical Grinding.**  
*J. Alloy. Compd.* **256** <sub>1/2</sub> (1997) 159–65. [\[DOI\]](#)
65. Z. HENKIE, P. WIŚNIEWSKI, A.Gukasov,  
**U<sub>3</sub>Bi<sub>4</sub> Single Crystal Growth by the Molten Metal Solution Evaporation Method.**  
*J. Cryst. Growth* **172** <sub>3/4</sub> (1997) 459–65. [\[DOI\]](#)
66. K. HERMANOWICZ,  
**Charge-Compensation Effects and Their Influence on Spectroscopic Properties of Alkali Halides Doped with Cr(CN)<sub>6</sub><sup>3-</sup> Ions: the Case of a NaBr Host.**  
*J. Phys. Cond. Matt.* **9** <sub>6</sub> (1997) 1369–80. [\[DOI\]](#)
67. K. HERMANOWICZ,  
**Własności spektroskopowe jonu Cr(CN)<sub>6</sub><sup>3-</sup> domieszkowanego w solach prostych.**  
[Spectroscopic Properties of Alkali Halides Doped with Cr<sub>6</sub><sup>3-</sup>-Ion.]  
*Wiadom. Chem.* **51** <sub>7/8</sub> (1997) 511–32 [in Polish].

68. C.Hinnen, C.Nguyen Van Huong, **P.J. GODOWSKI**,  
**A Photoemission Study of the  $\text{YBa}_2\text{Cu}_3\text{O}_7$ –Au Composite.**  
*J. Mater. Sci.* **32**<sub>1</sub> (1997) 177–84. [\[DOI\]](#)
69. J.Hölsä, K.Koski, R.-J.Lamminmäki, E.Säilynoja, **P. DEREŃ, W. STRĘK**,  
**Crystal Fields in  $(\text{La}_{1-x}\text{Gd}_x)\text{OCl}:\text{Eu}^{3+}$  Solid Solutions.**  
*J. Alloy. Compd.* **250**<sub>1/2</sub> (1997) 370–4. [\[DOI\]](#)  
21st Rare Earth Research Conf., DULUTH, MN, US, 1996.07 07–12
70. J.Hölsä, E.Säilynoja, R.-J.Lamminmäki, **P. DEREŃ, W. STRĘK**, P.Porcher,  
**Crystal Field Energy Level Scheme of  $\text{Er}^{3+}$  in  $\text{GdOCl}$ . Parametric Analysis.**  
*J. Chem. Soc.- Faraday Trans.* **93**<sub>13</sub> (1997) 2241–6. [\[DOI\]](#)
71. **R. HORYŃ, Z. BUKOWSKI, M. WOŁCYRZ, A. ZALESKI**,  
**Crystallochemistry and Physical Properties of New Phases in  $\text{Rh}_2\text{O}_3$ –SrO Binary System.**  
*J. Alloy. Compd.* **262/263** (1997.11 14) 267–70. [\[DOI\]](#)  
12th Int.Conf.on Solid Compounds of Transition Elements, SAINT-MALO, FR, 1997.04 22–25
72. **R. HORYŃ, M. WOŁCYRZ, Z. BUKOWSKI**,  
**Structure Transformations in  $\text{BiLa}_2\text{O}_{4.5+\delta}$ .**  
*J. Solid State Chem.* **131**<sub>1</sub> (1997) 64–71. [\[DOI\]](#)
73. **R. HORYŃ, M. WOŁCYRZ, Z. BUKOWSKI**,  
**Przemiany strukturalne w  $\text{BiLa}_2\text{O}_{4.5+\delta}$ . [Structure Transformations in  $\text{BiLa}_2\text{O}_{4.5+\delta}$ .]**  
*Wiadom. Chem.* **51**<sub>7/8</sub> (1997) 533–51 [in Polish].
74. **W. IWASIECZKO, M. DRULIS, H. DRULIS**,  
**Magnetic Properties of the Ytterbium Non-Stoichiometric Trihydride Phase.**  
*J. Alloy. Compd.* **259**<sub>1/2</sub> (1997) 62–4. [\[DOI\]](#)
75. R.Jakubas, G.Bator, M.Gośniewska, Z.Ciunik, **J. BARAN**, J.Lefebvre,  
**Crystal Structure and Phase Transition of  $[(\text{CH}_3)_2\text{NH}_2]\text{GaCl}_4$ .**  
*J. Phys. Chem. Solids* **58**<sub>6</sub> (1997) 989–98. [\[DOI\]](#)
76. R.Jakubas, J.Józków, G.Bator, J.Zaleski, **J. BARAN**, P.Franois,  
**Phase Transitions in *i*-Butylammonium Halogenoantimonate(III) and Bismuthate(III) Crystals.**  
*J. Mol. Struct.* **436/437** (1997.12) 315–25. [\[DOI\]](#)
77. **J. JANCZAK**, P.Luger,  
**L-Proline Monohydrate at 100 K.**  
*Acta Cryst. C* **53**<sub>12</sub> (1997) 1954–6. [\[DOI\]](#)
78. **J. JANCZAK**, D.Zobel, P.Luger,  
**L-Threonine at 12 K.**  
*Acta Cryst. C* **53**<sub>12</sub> (1997) 1901–4. [\[DOI\]](#)
79. **A. JEŻOWSKI, H. MISIOREK**, V.V. SUMAROKOV, B.Ya.Gorodilov,  
**Thermal Conductivity of Solid Methane.**  
*Phys. Rev. B* **55**<sub>9</sub> (1997) 5578–80. [\[DOI\]](#)
80. **A. JEŻOWSKI, P. STACHOWIAK, J. MUCHA**, Yu.A.Freiman, V.V. SUMAROKOV,  
**Thermal Conductivity of Solid Nitrogen Doped with Oxygen Impurities.**  
*High Temp.- High Press.* **29**<sub>4</sub> (1997) 423–30 [Bk 169–76]. [\[DOI\]](#)  
14th Eur.Conf.on Thermophysical Properties, Lyon-VILLEURBANNE, FR, 1996.09 16–19

81. M.E.Jørgensen, **P.J. GODOWSKI**, J.Onsgaard,  
**Photon Induced Reaction at the CO<sub>2</sub>/K/Cu(110) Interface.**  
*Vacuum* **48**<sub>3/4</sub> (1997) 299–304. [\[DOI\]](#)  
18th Int.Semin.on Surface Physics, POLANICA Zdrój, PL, 1996.06 10–14
82. **D. KACZOROWSKI**, R.Hauser, **A. CZOPNIK**,  
**Itinerant f-Electron Antiferromagnetism in UGa<sub>3</sub>.**  
*Physica B* **230-2** (1997.02) 35–8. [\[DOI\]](#)  
[5th] Int.Conf.on Strongly Correlated Electron Systems, SCES'96, ZÜRICH, CH, 1996.08 19–22
83. **D. KACZOROWSKI**, P.Rogl,  
**Magnetic Behavior in CeNiGa<sub>2</sub> and Ce<sub>2</sub>Ni<sub>2</sub>Ga.**  
*Acta Phys. Pol. A* **92**<sub>2</sub> (1997) 289–93.  
Eur.Conf.on Physics of Magnetism '96, POZNAŃ, PL, 1996.06 24–28
84. E.Kalecińska, **J. KALECIŃSKI**, J.Kuduk-Jaworska,  
**Radiation Reduction of Dicarboxylatoimidazole Platinum(II) Complexes in the Water–Methanol System.**  
*Radiat. Phys. Chem.* **50**<sub>4</sub> (1997) 381–4. [\[DOI\]](#)
85. Ya.M.Kalychak, Ya.V.Galadzhun, **J. STEPIEŃ-DAMM**,  
**Crystal Structure of Europium Nickel Diindide, EuNiIn<sub>2</sub>.**  
*Z. Krist. NCS* **212**<sub>2</sub> (1997) 292.
86. **L. KĘPIŃSKI**, **M. WOŁCYRZ**,  
**Microstructure of Pd/CeO<sub>2</sub> Catalyst: Effect of High Temperature Reduction in Hydrogen.**  
*Appl. Catal. A* **150**<sub>2</sub> (1997) 197–220. [\[DOI\]](#)
87. **L. KĘPIŃSKI**, **M. WOŁCYRZ**,  
**Spreading and Phase Transformation in Highly Dispersed CeO<sub>2</sub>/SiO<sub>2</sub> and Pd/CeO<sub>2</sub>/SiO<sub>2</sub> Systems.**  
*J. Solid State Chem.* **131**<sub>1</sub> (1997) 121–30. [\[DOI\]](#)
88. J.R.Kincaid, C.Rajani, L.M.Proniewicz, **K. MARUSZEWSKI**,  
**Enhanced Resolution of Hemoglobin Dynamics Provided by Subunit-Specific Resonance RAMAN Signals.**  
*J. Am. Chem. Soc.* **119**<sub>38</sub> (1997) 9073–4. [\[DOI\]](#)
89. Л.Ф.Кирпичникова, Г.А.Киоссе, В.Hilczer, M.Połomska, L.Szcześniak, **A. PIETRASZKO**,  
В.В.Долбынина, Л.А.Шувалов,  
\* [Characterization of Crystals Grown from  
(CH<sub>3</sub>)<sub>2</sub>NH<sub>2</sub>Al(SO<sub>4</sub>)<sub>2</sub> · 6H<sub>2</sub>O – C(NH<sub>2</sub>)<sub>3</sub>Al(SO<sub>4</sub>)<sub>2</sub> · 6H<sub>2</sub>O Solutions.]  
*Кристаллография* **42**<sub>6</sub> (1997) 1076–9 [in Russian]. Engl.in: *Crystallogr. Rep.* **42**<sub>6</sub> (1997) 1000–3.
90. L.Kirpichnikova, B.Hilczer, M.Połomska, **A. PIETRASZKO**,  
**Ferroelastic Domain Structure in the Vicinity of Superionic Phase Transition in CsDSO<sub>4</sub> Crystals.**  
*Ferroelectrics* **190**<sub>1–4</sub> (1997) 7–12. [\[DOI\]](#)  
4th Int.Symp.on Ferroic Domains and Mesoscopic Structures (ISFD-4) VIENNA, AT, 1996.03 25–30
91. **P.W. KLAMUT**, **A. SIKORA**, **Z. BUKOWSKI**, B.Dabrowski, **J. KLAMUT**,  
**On the Properties of Pr<sub>2</sub>CuO<sub>4±δ</sub> and RE<sub>2-x</sub>Pr<sub>x</sub>CuO<sub>4±δ</sub> Synthesized under Elevated Oxygen Pressure Conditions.**  
*Physica C* **282-7** (1997.08) 541–2 [pt II]. [\[DOI\]](#)  
[5th] Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors V, BEIJING, CN, 1997.02 28 –03 04

92. Z. KLETOWSKI, R. FABROWSKI, P. ŚLAWIŃSKI, Z. HENKIE,  
**Resistance of Some  $REMe_3$  Compounds,  $RE = La$  and  $Lu$ ,  $Me = Sn, Pb, In$ , and  $Ga$ .**  
*J. Magn. Magn. Mater.* **166** 3 (1997) 361–4. [\[DOI\]](#)
93. G. KONTRYM-SZNAJD,  
**Reconstruction Techniques in Positron Annihilation.**  
*Nukleonika* **42** 1 (1997) 131–6.  
*XXVIII Semin. Anihilacji Pozytronów [28th Semin.on Positron Annihilation]* JARNOŁTÓWEK, PL, 1996.09 08–13
94. G. KONTRYM-SZNAJD,  
**New Approach to COMPTON Profiles Data Analysis.**  
*Nukleonika* **42** 1 (1997) 137–42.  
*XXVIII Semin. Anihilacji Pozytronów [28th Semin.on Positron Annihilation]* JARNOŁTÓWEK, PL, 1996.09 08–13
95. G. KONTRYM-SZNAJD, E.Józefczuk,  
**Image Reconstruction of Electronic Densities from Line Projections.**  
*Mater. Sci. Forum* **255-7** (1997) 754–6.  
*11th Int.Conf.on Positron Annihilation*, KANSAS City, MO, US, 1997.05 25–30
96. G. KONTRYM-SZNAJD, R.N.West, S.B.Dugdale,  
**COMPTON Profiles Data Analysis.**  
*Mater. Sci. Forum* **255-7** (1997) 796–8.  
*11th Int.Conf.on Positron Annihilation*, KANSAS City, MO, US, 1997.05 25–30
97. T.K. KOPEĆ,  
**Nonlinear Response in Quantum Spin Glasses.**  
*Phys. Rev. Lett.* **79** 21 (1997) 4266–9. [\[DOI\]](#)
98. T.K. KOPEĆ, R.Pirc,  
**Quantum Spherical Description of an ISING Spin Glass in a Transverse Field.**  
*Phys. Rev. B* **55** 9 (1997) 5623–6. [\[DOI\]](#)
99. T.K. KOPEĆ, K.D.Usadel,  
**Quantum Spin Glass on the BETHE Lattice.**  
*Phys. Rev. Lett.* **78** 10 (1997) 1988–91. [\[DOI\]](#)
100. R.Kruk, R.Kmieć, K.Łątka, K.Tomala, R. TROĆ, V.H. TRAN,  
**Magnetic Properties of UTSn Compounds ( $T = Co, Rh, Ir, Ru$ ) Studied by  $^{119}Sn$  MÖSSBAUER Spectroscopy.**  
*Phys. Rev. B* **55** 9 (1997) 5851–7. [\[DOI\]](#)
101. T. KRZYSZTOŃ,  
**Intrinsic Pinning in Layered Antiferromagnetic Superconductor.**  
*Mol. Phys. Rept.* **20** (1997) 127–32.  
*7th Natl.Symp.on High Temperature Superconductivity*, MIEDZYZDROJE, PL, 1997.09 01–03
102. R. KUBIAK, J. JANCZAK,  
**New Unsubstituted Phthalocyanines. Structure–Properties Relation.**  
*Proc. SPIE* **3179** (1997.06) 52–5. [\[DOI\]](#)  
*12th Conf.on Solid State Crystals - Materials Science and Applications*, ZAKOPANE, PL, 1996.10 07–11
103. B.Kucharczyk, W.Tylus, J.Zabrzeski, P.J. GODOWSKI,  
**Kontrola przygotowania metalicznego nośnika katalizatora przy pomocy spektroskopii elektronów AUGERA.** [Preparation Control of a Metallic Catalyst Support Using AUGER Electron Spectroscopy.]  
*Inżynieria Materiałowa* **18** 4 (1997) 155–60 [in Polish].

104. J.Kusz, **A. PIETRASZKO**, J.Warczewski,  
**X-ray Study of the Low Temperature Phase Transitions in  $K_2ZnCl_4$ .**  
*Phase Transit.* **60**<sub>1A</sub> (1997) 1–13. [\[DOI\]](#)
105. F.Le Berre, O.Peña, C.Hamard, A.Corrigan, **R. HORYŃ, A. WOJAKOWSKI**,  
**New Superconducting Materials Based upon Doping of the CHEVREL-Phase Binary Compound  $Mo_6Se_8$ .**  
*J. Alloy. Compd.* **262/263** (1997. 11 14) 331–4. [\[DOI\]](#)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
106. F.Le Berre, O.Peña, C.Hamard, **R. HORYŃ, A. WOJAKOWSKI**,  
**Superconducting and Structural Properties of Rare-Earth-Based CHEVREL-Phase Selenides  $REMo_6Se_8$  : First Single Crystal Studies.**  
*J. Alloy. Compd.* **262/263** (1997. 11 14) 406–9. [\[DOI\]](#)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
107. J.Legendziewicz, P.Gawryszewska, **E. GAŁDECKA**, Z.Gałdecki,  
**Ligand Chirality Effect on the Structure of the Lanthanide Complexes with  $\alpha$ -Alaninehydroxamic Acids and Its Spectroscopic Consequences.**  
*J. Lumin.* **72-4** (1997. 06) 559–63. [\[DOI\]](#)  
*Int.Conf.on Luminescence & Optical Spectroscopy of Condensed Matter*, PRAGUE, CZ, 1996.08 18–23
108. M.Leszczyński, V.B.Pluzhnikov, **A. CZOPNIK**, J.Bąk-Misiuk, T.Słupiński,  
**Thermal Expansion of GaAs:Te and AlGaAs:Te at Low Temperatures.**  
*J. Appl. Phys.* **82**<sub>9</sub> (1997) 4678–80. [\[DOI\]](#)
109. **K. ŁUKASZEWCZ, A. PIETRASZKO, J. STĘPIEŃ-DAMM**, J.Grigas, A.Kajokas,  
**Crystal Structure of Stibnite  $Sb_2S_3$  in Phase II at 320 K.**  
*Pol. J. Chem.* **71**<sub>3</sub> (1997) 390–5.
110. **K. ŁUKASZEWCZ, A. PIETRASZKO, J. STĘPIEŃ-DAMM**, A.Kajokas,  
**Crystal Structure and Phase Transitions of the Ferroelectric Antimony Sulfoiodide SbSI. Part I. Phase Diagram and Thermal Expansion of SbSI.**  
*Pol. J. Chem.* **71**<sub>9</sub> (1997) 1345–9.
111. **K. ŁUKASZEWCZ, A. PIETRASZKO, J. STĘPIEŃ-DAMM**, A.Kajokas,  
**Crystal Structure and Phase Transitions of the Ferroelectric Antimony Sulfoiodide SbSI. Part II. Crystal Structure of SbSI in Phase I, II, and III.**  
*Pol. J. Chem.* **71**<sub>12</sub> (1997) 1852–7.
112. M.Lücke, **A. SZPRYNGER**,  
**Noise Sustained Pattern Growth: Bulk *versus* Boundary Effects.**  
*Phys. Rev. E* **55**<sub>5</sub> (1997) 5509–21 [pt A]. [\[DOI\]](#)
113. **B. MACALIK, M. SUSZYŃSKA**,  
**Thermally Stimulated Depolarization Currents in Nickel-Doped NaCl Crystals.**  
*Ferroelectrics* **202**<sub>1–4</sub> (1997) 241–8 [Bk 557–64]. [\[DOI\]](#)  
*3rd Eur.Meet.on the Applications of Polar Dielectrics*, BLED, SI, 1996.08 26–29
114. **L. MACALIK**,  
**Polarized RAMAN and Optical Absorption Spectra of Monoclinic  $KCe(WO_4)_2$  Single Crystal.**  
*J. Mol. Struct.* **404**<sub>1/2</sub> (1997) 213–20. [\[DOI\]](#)  
*3rd Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & PRZESIEKA, PL, 1995.12 07–10
115. **M. MĄCZKA**,  
**Vibrational Characteristics of the Alkali Metal–Indium Double Molybdates  $MIn(MoO_4)_2$  and Tungstates  $MIn(WO_4)_2$  ( $M = Li, Na, K, Cs$ ).**  
*J. Solid State Chem.* **129**<sub>2</sub> (1997) 287–97. [\[DOI\]](#)

116. G.E.Malashkevich, E.N.Poddenezhny, I.M.Melnichenko, A.A.Boiko, V.E.Gaishun, A.V.Semchenko, **W. STRĘK, K. MARUSZEWSKI**,  
**Luminescent Light Filters Based on Ce-, Sm- and (Ce,Sm)-Doped Silica Gel-Glasses for Laser Heads.**  
*Proc. SPIE* **3176** (1997.11) 236–9. [\[DOI\]](#)  
*2nd Int.Conf.on Tunable Solid State Lasers*, WROCŁAW, PL, 1996.09 01–04
117. **K. MARUSZEWSKI**, D.Andrzejewski, **W. STRĘK**,  
**Thermal Sensor Based on Luminescence of Ru(Bpy)<sub>3</sub><sup>2+</sup> Entrapped in Sol–Gel Glass.**  
*J. Lumin.* **72-4** (1997. 06) 226–8. [\[DOI\]](#)  
*Int.Conf.on Luminescence & Optical Spectroscopy of Condensed Matter*, PRAGUE, CZ, 1996.08 18–23
118. **K. MARUSZEWSKI**, L.Czernicki, W.Wacławek, **W. STRĘK**,  
**Spectroscopic and Physicochemical Properties of Rare-Earth Phthalocyanines Entrapped in Sol–Gel Glasses.**  
*J. Mol. Struct.* **404** <sub>1/2</sub> (1997) 141–5. [\[DOI\]](#)  
*3rd Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & PRZESIEKA, PL, 1995.12 07–10
119. **K. MARUSZEWSKI**, **P.J. DEREŃ**, **E. ŁUKOWIAK**, **B. NISSEN-SOBOCIŃSKA**, **W. STRĘK**,  
I.Trabjerg,  
**Spectroscopic Behavior of K<sub>3</sub>[Cr(NCS)<sub>6</sub>] Complex Entrapped in Silica Glasses Obtained by the Sol–Gel Method.**  
*J. Mol. Struct.* **404** <sub>1/2</sub> (1997) 137–40. [\[DOI\]](#)  
*3rd Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & PRZESIEKA, PL, 1995.12 07–10
120. M.May, S.Debrus, J.Venturini, G.Vuye, **J. BARAN**, **H. RATAJCZAK**,  
**Second-Order Non-Linear Optical Properties of Na<sub>2</sub>SeO<sub>4</sub> · H<sub>2</sub>SeO<sub>3</sub> · H<sub>2</sub>O Crystal.**  
*J. Mol. Struct.* **436/437** (1997. 12 15) 327–37. [\[DOI\]](#)
121. **B. NISSEN-SOBOCIŃSKA**, **E. ŁUKOWIAK**, **W. STRĘK**, T.Luxbacher, H.P.Fritzer, Rui-Qiang Xie, C.D.Flint,  
**Up-Conversion and Ligand–Metal Coupling in Cs<sub>2</sub>NaEr(NO<sub>2</sub>)<sub>6</sub>.**  
*Proc. SPIE* **3176** (1997.11) 130–3. [\[DOI\]](#)  
*2nd Int.Conf.on Tunable Solid State Lasers*, WROCŁAW, PL, 1996.09 01–04
122. **J. OKAL**, H.KUBICKA, **L. KĘPIŃSKI**, **L. KRAJCZYK**,  
**Influence of Oxidation–Reduction Treatment on Dispersion of Rhenium Supported on γ-Al<sub>2</sub>O<sub>3</sub>.**  
*Appl. Catal. A* **162** <sub>1/2</sub> (1997) 161–9. [\[DOI\]](#)
123. **J. OLEJNICZAK**, **W. SUSKI**, **K. WOCHOWSKI**, T.Mydlarz,  
**Magnetic Properties and <sup>57</sup>Fe Mössbauer Effect in the U<sub>2</sub>Fe<sub>17-x</sub>Ge<sub>x</sub> System.**  
*J. Alloy. Compd.* **262/263** (1997. 11) 481–5. [\[DOI\]](#)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
124. J.Onsgaard, S.V.Christensen, **P.J. GODOWSKI**, J.Nerlov, S.Quist,  
**Synthesis of Formate on K-Modified Cu(110) Based on Co-adsorption of H and CO<sub>2</sub>.**  
*Surf. Sci.* **370** <sub>1</sub> (1997) L137–43. [\[DOI\]](#)
125. J.Oszust, Z.Talik, **A. PIETRASZKO**, **M. MARCHEWKA**, **J. BARAN**,  
**Structural and Vibrational Investigation of 2-Amino-4-Nitropyridyne Crystal.**  
*J. Mol. Struct.* **415** <sub>1/2</sub> (1997) 53–63. [\[DOI\]](#)
126. W.Paszkowicz, J.Górecka, J.Domagała, N.Dmitruk, S.S.Varshava, J.Härtwig, M.Ohler,  
**A. PIETRASZKO**,  
**X-ray Characterization of GaAs:Zn Gas-Transport Grown Whiskers Using Conventional and Synchrotron Sources.**  
*Acta Phys. Pol. A* **91** <sub>5</sub> (1997) 997–1002.  
*3rd Int.Sch.& Symp.on Synchrotron Radiation in Natural Science*, JASZOWIEC, PL, 1996.05 31 –06 08

127. **S. PASZKOWSKI**,  
**Fast Convergent Quasipower Series for Some Elementary and Special Functions.**  
*Comput. Math. Applic.* **33**<sub>1/2</sub> (1997) 181–91. [\[DOI\]](#)
128. E.Pawlak, **W. STREK**, **P.J. DEREŃ**, G.E.Malashkevich, E.N.Poddenezhny, I.M.Melnichenko, V.I.Gaishun,  
**Anti-STOKES Green Emission of Er Doped Silica Fibers Excited by IR Laser.**  
*Proc. SPIE* **3176** (1997.11) 299–303. [\[DOI\]](#)  
*2nd Int. Conf. on Tunable Solid State Lasers*, WROCŁAW, PL, 1996.09 01–04
129. E.Pawlak, **W. STREK**, J.Wójcik, C.Wojciechowski, G.E.Malashkevich, I.M.Melnichenko, E.N.Poddenezhny,  
**Silica Fibers Doped with Erbium Ions Obtained by the Sol–Gel Method.**  
*Proc. SPIE* **3186** (1997.08) 56–9. [\[DOI\]](#)  
*5th Int. Conf. on Laser Technology: Physics, Research, and Development Trends*, SZCZECIN & SWINUJSCIE, PL, 1996.09 23–27
130. **A. PIETRASZKO**,  
**Struktura krystaliczna i przemiany fazowe w kryształach przewodnika protonowego**  
**(NH<sub>4</sub>)<sub>3</sub>H(SeO<sub>4</sub>)<sub>2</sub>.** [The Crystal Structure and Phase Transitions of Protonic Conductors (NH<sub>4</sub>)<sub>3</sub>H(SeO<sub>4</sub>)<sub>2</sub>.]  
*Wiadom. Chem.* **51**<sub>7/8</sub> (1997) 553–70 [in Polish].
131. R.Pietri, B.Andraka, **R. TROĆ**, **V.H. TRAN**,  
**Non-FERMI Liquid Magnetic and KONDO Behavior in New Heavy Fermion System U<sub>2</sub>Cu<sub>17-x</sub>Al<sub>x</sub>**  
**(5 < x < 10).**  
*Phys. Rev. B* **56**<sub>22</sub> (1997) 14 505–9. [\[DOI\]](#)
132. **T. PLACKOWSKI**, **A. JEŻOWSKI**, **Z. BUKOWSKI**,  
**Heat Transport in the Insulating Phases of Sm<sub>1+x</sub>Ba<sub>2-x</sub>Cu<sub>3</sub>O<sub>y</sub> High Temperature**  
**Superconductors.**  
*Z. Phys. B* **104**<sub>4</sub> (1997) 745–7. [\[DOI\]](#)  
*Eur. Conf. on Electron–Phonon-Interactions and Phase Transitions*, ERICE (Sicily) IT, 1997.06 09–15
133. **T. PLACKOWSKI**, **A. JEŻOWSKI**, **Z. BUKOWSKI**, **C. SUŁKOWSKI**, **H. MISIOREK**,  
**Thermal Conductivity of SmBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> Oxidized at 250 bar: A Comparison of the Phonon**  
**and Electron Models.**  
*Phys. Rev. B* **56**<sub>17</sub> (1997) 11 267–72. [\[DOI\]](#)
134. M.N.Popova, Yu.A.Hadijskii, **R. TROĆ**, **Z. BUKOWSKI**,  
**Phase Transition and Magnetic Structure in In<sub>2</sub>Cu<sub>2</sub>O<sub>5</sub> and Sc<sub>2</sub>Cu<sub>2</sub>O<sub>5</sub> by High Resolution FTS**  
**of Rare Earth Probe.**  
*Mikrochim. Acta* Nr 14 Suppl. (1997) 257–8.  
*10th Int. Conf. on Progress in Fourier-Transform Spectroscopy*, BUDAPEST, HU, 1995.08 27 –.09 01
135. M.N.Popova, S.A.Klimin, **R. TROĆ**, **Z. BUKOWSKI**,  
**Magnetic Phase Transitions and Magnetic Structures of In<sub>2</sub>Cu<sub>2</sub>O<sub>5</sub> and Sc<sub>2</sub>Cu<sub>2</sub>O<sub>5</sub>.**  
*Solid State Commun.* **102**<sub>1</sub> (1997) 71–5. [\[DOI\]](#)
136. **J. POŹNIAK**,  
**Thermally Stimulated Depolarization Currents in Me<sup>2+</sup>-Doped NaCl-Type Alkali Halide**  
**Crystals. I. Rigid-Lattice Model.**  
*phys. stat. sol. (b)* **200**<sub>1</sub> (1997) 265–71. [\[DOI\]](#)
137. **J. POŹNIAK**, J.K. Poźniak,  
**Thermally Stimulated Depolarization Currents in Me<sup>2+</sup>-Doped NaCl-Type Alkali Halide**  
**Crystals. II. Effective Dipole Moments. NaCl:Mn<sup>2+</sup> System.**  
*phys. stat. sol. (b)* **200**<sub>2</sub> (1997) 535–44. [\[DOI\]](#)

138. J.K. Poźniak, **B. Nowak**, M.Tkacz,  
**Magnetic Susceptibility,  $^1\text{H}$  and  $^{53}\text{Cr}$  NMR in Cubic  $\text{CrH}_{0.93}$ .**  
*Z. Phys. B* **104** 2 (1997) 255–64. [\[DOI\]](#)
139. Yu.M.Prots', **J. Stępień-Damm**, P.S.Salamakha, O.I.Bodak,  
**The Crystal Structure of Orthorhombic  $\text{Ce}_3\text{Rh}_3\text{Si}_2$ , an Inter-growth of FeB- and YPd<sub>2</sub>Si-Type Slabs.**  
*J. Alloy. Compd.* **256** 1/2 (1997) 166–69. [\[DOI\]](#)
140. M.Rams, K.Królas, P.Bonville, E.Alleno, C.Godart, **D. Kaczorowski**, F.Canepa,  
**Valence States of Yb in  $\text{Yb}_5\text{Si}_3$ .**  
*Phys. Rev. B* **56** 7 (1997) 3690–6. [\[DOI\]](#)
141. K.Rećko, M.Biernacka, L.Dobrzański, K.Perzyńska, D.Satuła, K.Szymański, J.Waliszewski, **W. Suski**, **K. Wochowski**, G.André, F.Bourée,  
**The Crystal and Magnetic Structures of  $\text{UFe}_x\text{Al}_{12-x}$  Intermetallic Compounds.**  
*J. Phys. Cond. Matt.* **9** 44 (1997) 9541–53. [\[DOI\]](#)
142. K.Rećko, M.Biernacka, L.Dobrzański, K.Perzyńska, D.Satuła, K.Szymański, J.Waliszewski, **W. Suski**, **K. Wochowski**, G.André, F.Bourée,  
**The Crystal and Magnetic Structures of  $\text{UFe}_x\text{Al}_{12-x}$  [Intermetallic] Compounds.**  
*Physica B* **234-6** (1997.06) 696–8. [\[DOI\]](#)  
*1st Eur.Conf.on Neutron Scattering*, INTERLAKEN, CH, 1996.10 08–11
143. **A. Rubaszek**, Z.Szotek, W.M.Temmerman,  
**Non-Local Electron–Positron Correlation Effects in Potassium.**  
*Nukleonika* **42** 1 (1997) 199–204.  
*XXVIII Semin. Anihilacji Pozytronów [28th Semin.on Positron Annihilation]* JARNOŁTÓWEK, PL, 1996.09 08–13
144. **W. Ryba-Romanowski**,  
**Optical Methods in Characterization of HTS Thin Film Substrates.**  
*Acta Phys. Pol. A* **92** 1 (1997) 135–8.  
*Int.Conf.on Substrate Crystals and HTSC Films*, JASZOWIEC, PL, 1996.09 16–20
145. **W. Ryba-Romanowski**,  
**Analysis of Broad-Band, Near-Infrared Emission in  $ABCO_4$  and  $ABC_3O_7$  Crystals ( $A = \text{Sr, Ba}$ ;  $B = \text{La, Gd}$ ;  $C = \text{Al, Ga}$ ) Doped with Rare Earth and Transition Metals.**  
*Proc. SPIE* **3176** (1997.11) 79–83. [\[DOI\]](#)  
*2nd Int.Conf.on Tunable Solid State Lasers*, WROCŁAW, PL, 1996.09 01–04
146. **W. Ryba-Romanowski**, M.Berkowski, B.Viana, P.Aschehoug,  
**Relaxation Dynamics of Excited States of  $\text{Tm}^{3+}$  in  $\text{SrGdGa}_3\text{O}_7$  Crystals Activated with  $\text{Tm}^{3+}$  and  $\text{Tm}^{3+}+\text{Tb}^{3+}$ .**  
*Appl. Phys. B* **64** 5 (1997) 525–9. [\[DOI\]](#)
147. **W. Ryba-Romanowski**, S. Gołab, P. Dereń, G. Dominiak-Dzik, W.A. Pisarski,  
A.Gloubokov,  
**Investigation of As-Grown and Induced Structural Defects in  $\text{SrLa}_X\text{O}_4$  ( $X = \text{Al, Ga}$ ) Crystals.**  
*Acta Phys. Pol. A* **92** 1 (1997) 191–6.  
*Int.Conf.on Substrate Crystals and HTSC Films*, JASZOWIEC, PL, 1996.09 16–20
148. **W. Ryba-Romanowski**, S. Gołab, W.A. Pisarski, G. Dominiak-Dzik, M.Berkowski,  
A.Pajączkowska,  
**Investigation of  $\text{Eu}^{3+}$  Sites in  $\text{SrLaGa}_3\text{O}_7$ ,  $\text{SrLaGaO}_4$ , and  $\text{SrLaAlO}_4$  Crystals.**  
*J. Phys. Chem. Solids* **58** 4 (1997) 639–45. [\[DOI\]](#)

149. W. RYBA-ROMANOWSKI, S. GOŁĄB, W.A. PISARSKI, G. DOMINIĄK-DZIK, A.Pajączkowska,  
**Optical Characterization of BaLaAlO<sub>4</sub>:Nd.**  
*J. Alloy. Compd.* **259** <sub>1/2</sub> (1997) 69–73. [\[DOI\]](#)
150. W. RYBA-ROMANOWSKI, S. GOŁĄB, W.A. PISARSKI, G. DOMINIĄK-DZIK, M.N.Palatnikov,  
N.V.Sidorov, V.T.Kalinnikov,  
**Influence of Temperature on the Optical Properties of LiTaO<sub>3</sub>:Cr.**  
*Appl. Phys. Lett.* **70** <sub>19</sub> (1997) 2505–7. [\[DOI\]](#)
151. W. RYBA-ROMANOWSKI, S. GOŁĄB, W.A. PISARSKI, D.Podziadła, Z.Czapla,  
**Optical Spectroscopy of a Chromium Doped (CH<sub>3</sub>)<sub>2</sub>NH<sub>2</sub>Al(SO<sub>4</sub>)<sub>2</sub> · 6H<sub>2</sub>O Single Crystal  
in the Ferroelectric Phase.**  
*Chem. Phys. Lett.* **264** <sub>3/4</sub> (1997) 323–6. [\[DOI\]](#)
152. W. RYBA-ROMANOWSKI, I. SOKÓLSKA, S. GOŁĄB, T.Łukasiewicz,  
**Photoluminescence of LiTaO<sub>3</sub>:Pr.**  
*Appl. Phys. Lett.* **70** <sub>6</sub> (1997) 686–7. [\[DOI\]](#)
153. P.Salamakha, P.Demchenko, O.Sologub, O.Bodak, J. STEPIEŃ-DAMM,  
**Interaction of Neodymium and Iron with Tin at 500° C and 800° C.**  
*Pol. J. Chem.* **71** <sub>3</sub> (1997) 305–8.
154. P.Salamakha, P.Demchenko, J. STEPIEŃ-DAMM,  
**Ternary Nd–Ru–Sn System.**  
*J. Alloy. Compd.* **260** <sub>1/2</sub> (1997) L1–3. [\[DOI\]](#)
155. A. SIKORA, C. SUŁKOWSKI, P.W. KLAMUT,  
**Transport Properties of R<sub>2</sub>CuO<sub>4±δ</sub> Ceramics.**  
*Mol. Phys. Rept.* **20** (1997) 217–20.  
7th Natl.Symp.on High Temperature Superconductivity, MIEDZYZDROJE, PL, 1997.09 01–03
156. I. SOKÓLSKA, W. RYBA-ROMANOWSKI, S. GOŁĄB, T.Łukasiewicz,  
**The Optical Properties of Yb<sup>3+</sup> Ions in LiTaO<sub>3</sub>:Nd, Yb Crystals.**  
*Appl. Phys. B* **65** <sub>4/5</sub> (1997) 495–8.
157. I. SOKÓLSKA, W. RYBA-ROMANOWSKI, S. GOŁĄB, T.Łukasiewicz, M.Świrkowicz,  
**Spectroscopy of LiTaO<sub>3</sub>:Pr<sup>3+</sup> Crystals.**  
*J. Phys. Cond. Matt.* **9** <sub>24</sub> (1997) 5217–27. [\[DOI\]](#)
158. H.Sormann, G. KONTRYM-SZNAJD,  
**Sensitivity of Electron–Positron Momentum Densities to the Positron Wave Function:  
Theoretical and Numerical Results.**  
*Nukleonika* **42** <sub>1</sub> (1997) 219–23.  
XXVIII Semin. Anihilacji Pozytronów [28th Semin.on Positron Annihilation] JARNOŁTÓWEK, PL, 1996.09 08–13
159. H. STACHOWIAK,  
**Many-Body Theory of Electron–Positron Interaction in Metallic Lithium.**  
*Nukleonika* **42** <sub>1</sub> (1997) 237–43.  
XXVIII Semin. Anihilacji Pozytronów [28th Semin.on Positron Annihilation] JARNOŁTÓWEK, PL, 1996.09 08–13
160. H. STACHOWIAK,  
**Electron–Positron Interaction in an Inhomogeneous Electron Liquid.**  
*Phys. Rev. B* **56** <sub>8</sub> (1997) 4545–52. [\[DOI\]](#)
161. H. STACHOWIAK, E. BOROŃSKI,  
**Misunderstandings Connected with the Problem of Electron–Positron Interaction in Metals.**  
*Nukleonika* **42** <sub>1</sub> (1997) 225–9.  
XXVIII Semin. Anihilacji Pozytronów [28th Semin.on Positron Annihilation] JARNOŁTÓWEK, PL, 1996.09 08–13

162. **H. STACHOWIAK, E. BOROŃSKI, G. BANACH,**  
**Many-Body Theory of Electron–Positron Interaction in Metallic Lithium.**  
*Mater. Sci. Forum* **255–7** (1997) 408–10.  
*11th Int. Conf. on Positron Annihilation*, KANSAS City, MO, US, 1997.05 25–30
163. **H. STACHOWIAK, E. BOROŃSKI, G. BANACH,**  
**Self-Consistent Calculation of Electron Density Distribution in Metals in HNC Approximation.**  
*Nukleonika* **42** 1 (1997) 231–5.  
*XXVIII Semin. Anihilacji Pozytronów [28th Semin. on Positron Annihilation]* JARNOŁTÓWEK, PL, 1996.09 08–13
164. P. Stefański, **W. SUSKI, K. WOCHOWSKI**, T. Mydlarz,  
**Ground State Properties of Tb<sup>3+</sup> Ion in TbNi<sub>10</sub>Si<sub>2</sub>.**  
*Acta Phys. Pol. A* **92** 2 (1997) 281–4.  
*Eur. Conf. on Physics of Magnetism '96*, POZNAŃ, PL, 1996.06 24–28
165. **W. STRĘK, E. ŁUKOWIAK, P.J. DEREŃ, K. MARUSZEWSKI**, I. Trabjerg, Cz. Koepke,  
G.E. Malashkevich, V.E. Gaishun,  
**Luminescence Properties of Cr-Doped Silica Sol–Gel Glasses.**  
*Proc. SPIE* **3176** (1997.11) 249–54. [\[DOI\]](#)  
*2nd Int. Conf. on Tunable Solid State Lasers*, WROCŁAW, PL, 1996.09 01–04
166. **W. STRĘK**, J. Sokolnicki, B. Keller, M. Borzechowska, J. Legendziewicz,  
**Fluorescence and Absorption Probe of Metal Ion Center in Organically Modified Silicates.**  
*Proc. SPIE* **3176** (1997.11) 259–65. [\[DOI\]](#)  
*2nd Int. Conf. on Tunable Solid State Lasers*, WROCŁAW, PL, 1996.09 01–04
167. **W. STRĘK**, J. Sokolnicki, J. Legendziewicz, M. Borzechowska, **K. MARUSZEWSKI**,  
**Optical Properties of Eu<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub> · 4H<sub>2</sub>O Entrapped in Silica Sol–Gel Glass.**  
*Proc. SPIE* **3176** (1997.11) 255–8. [\[DOI\]](#)  
*2nd Int. Conf. on Tunable Solid State Lasers*, WROCŁAW, PL, 1996.09 01–04
168. J. Suchanicz, **M. DRULIS**,  
**Low Temperature Specific Heat of Na<sub>0.5</sub>Bi<sub>0.5</sub>TiO<sub>3</sub> Single Crystals.**  
*phys. stat. sol. (a)* **164** 2 (1997) 683–6. [\[DOI\]](#)
169. **W. SUSKI**,  
**Magnetism of Uranium Intermetallics.**  
*Acta Phys. Pol. A* **91** 1 (1997) 77–87.  
*Eur. Conf. on Physics of Magnetism '96*, POZNAŃ, PL, 1996.06 24–28
170. **W. SUSKI**,  
**Magnetism of Uranium and Its Compounds.**  
*Balkan Phys. Lett.* **5** 4 (1997) 256–63.  
*3rd Gener. Conf. of the Balkan Physical Union*, CLUJ-NAPOCE, RO, 1997.08 02–05
171. **W. SUSKI**,  
**Magnetic Properties of the Cu-Containing f-Electron Intermetallics.**  
*Lith. J. Phys.* **37** 1 (1997) 21–6. Also in: *Lith. Phys. J. (USA)* **37** 1 (1997).
172. **W. SUSKI**,  
**Phase Diagrams as the Framework of Investigations of the Magnetic Properties  
of the ThMn<sub>12</sub>-Type f-Electron Intermetallics.**  
*Poroshk. Metall.* **37** 5/6 (1997) 1–12. Also in: *Powd. Metall. Met. Ceram.* **37** 5/6 (1997) 231–41. [\[DOI\]](#)  
*5th Int. Sch. of Phase Diagrams in Materials Science*, KATSYVELY (Crimea) UA, 1996.09 23–29

173. **W. SUSKI, T. CICHOREK, K. WOCHOWSKI, D. BADURSKI**, B.Ya.Kotur, O.I.Bodak,  
**Low-Temperature Electrical Resistance of the U(Cu,Ni)<sub>4</sub>Al<sub>8</sub> System and Magnetic and Electrical Properties of ScCu<sub>4+x</sub>Al<sub>8-x</sub>**.  
*Physica B* **230-2** (1997.02) 324–6. [\[DOI\]](#)  
*[5th] Int.Conf.on Strongly Correlated Electron Systems (SCES'96)* ZÜRICH, CH, 1996.08 19–22
174. **W. SUSKI, H. DRULIS, K. WOCHOWSKI**, K.Tomala, R.Kmieć, Ya.M.Kalychak, V.I.Zaremba, T.Mydlarz, A.Gilewski,  
**Magnetic and Related Properties of GdCu<sub>5.1</sub>In<sub>6.9</sub>**.  
*Z. Phys. B* **102** <sub>1</sub> (1997) 15–8. [\[DOI\]](#)
175. **W. SUSKI**, F.G.Vagizov, **K. WOCHOWSKI, H. DRULIS**, T.Mydlarz,  
**Structure and Magnetic Properties of Pseudo-ternary ThMn<sub>12</sub>-Type Uranium Compounds**.  
*J. Alloy. Compd.* **250** <sub>1/2</sub> (1997) 646–50. [\[DOI\]](#)  
*21st Rare Earth Research Conf.* DULUTH, MN, US, 1996.07 07–12
176. **W. SUSKI, K. WOCHOWSKI**, O.I.Bodak, Ya.M.Kalychak, V.I.Zaremba, T.Mydlarz,  
**Magnetic and Electrical Properties of RCu<sub>5.1</sub>In<sub>6.9</sub> Compounds**.  
*J. Alloy. Compd.* **250** <sub>1/2</sub> (1997) 642–5. [\[DOI\]](#)  
*21st Rare Earth Research Conf.* DULUTH, MN, US, 1996.07 07–12
177. **M. SUSZYŃSKA**, P.Grau, W.Fränel, H.Meinhard, S.Mosch,  
**Hardness-Anomalies for Precipitation-Strengthened NaCl:Ca Crystal**.  
*Mater. Sci. Forum* **239-41** (1997) 429–34.  
*13th Int.Conf.on Defects in Insulating Materials*, WINSTON-SALEM, NC, US, 1996.07 15–19
178. **M. SUSZYŃSKA**, P.Grau, **M. SZMIDA, D. NOWAK-WOŹNY**,  
**Correlated Studies of VICKERS Hardness and the Yield Stress of NaCl Crystals Doped with Ni<sup>2+</sup>, Ca<sup>2+</sup> and Eu<sup>2+</sup>**.  
*Mater. Sci. Engn. A* **234-6** (1997.08) 747–50. [\[DOI\]](#)  
*11th Int.Conf.on the Strength of Materials*, PRAGUE, CZ, 1997.08 25–29
179. M.Szafran, J.Koput, **J. BARAN**, T.Głowiak,  
**Structure and Vibrational Spectra of Pyridine Betaine Hydrochloride**.  
*J. Mol. Struct.* **436/437** (1997. 12 15) 123–42. [\[DOI\]](#)
180. **A. SZMYRKA-GRZEBYK, L. LIPIŃSKI, H. MANUSZKIEWICZ**,  
**Międzynarodowe Skale Temperatury**. [International Temperature Scales.]  
*Metrologia Probiernictwo* Nr 2(9) (1997) 6–11 [in Polish].
181. A.Szytuła, S.Baran, J.Leciejewicz, B.Penc, N.Stüßer, Yong-fan Ding, **A. ZYGMUNT**, A.Żukrowski,  
**Antiferromagnetic Properties in RFe<sub>2</sub>Ge<sub>2</sub> (R = Tb, Dy, Ho)**.  
*J. Phys. Cond. Matt.* **9** <sub>32</sub> (1997) 6781–9. [\[DOI\]](#)
182. A.Szytuła, M.Kolenda, E.Ressouche, **A. ZYGMUNT**,  
**Magnetic Properties of RPdGe (R = Ce, Pr, and Tb) Compounds**.  
*J. Alloy. Compd.* **259** <sub>1/2</sub> (1997) 36–41. [\[DOI\]](#)
183. R.Tchukvinskyi, Z.Czapla, R.Sobiestianskas, A.Brilingas, J.Grigas, **J. BARAN**,  
**Dielectric Dispersion in Ferroelectric Glycine Phosphite**.  
*Acta Phys. Pol. A* **92** <sub>6</sub> (1997) 1191–6.
184. **P. TEKIEL**,  
**Macroscopic Excitations in Superconductors**.  
*Z. Phys. B* **104** <sub>3</sub> (1997) 423–31. [\[DOI\]](#)

185. K.G.Tokhadze, G.S.Denisov, M.Wierzejewska, **M. DROZD**,  
**First Example of the ABC  $\nu(\text{OH})$  Absorption Structure for both Gaseous and Crystalline Phase: Infrared Studies of Dimethylphosphinic Acid.**  
*J. Mol. Struct.* **404**  $_{1/2}$  (1997) 55–62. [\[DOI\]](#)  
*3rd Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCŁAW & PRZESIEKA, PL, 1995.12 07–10*
186. Z.Tomkowicz, P.Fleischhauer, W.Haase, M.Baran, R.Szymczak, **A.J. ZALESKI**, R.Jabłoński,  
**Magnetic Properties of Some Molecular Compounds Containing Ferromagnetic Copper Trimers.**  
*J. Magn. Magn. Mater.* **172**  $_{1/2}$  (1997) 128–38. [\[DOI\]](#)
187. **V.H. TRAN**, P.de V.du Plessis, A.M.Strydom, **R. TROĆ**,  
**Transport Properties in the URu $_{1-x}$ Pd $_x$ Ga System.**  
*J. Phys. Cond. Matt.* **9**  $_{44}$  (1997) 9601–13. [\[DOI\]](#)
188. **V.H. TRAN**, **R. TROĆ**,  
**Anomalous Magnetic Properties of URuGa.**  
*Acta Phys. Pol. A.* **92**  $_{2}$  (1997) 299–302.  
*Eur.Conf.on Physics of Magnetism '96, POZNAŃ, PL, 1996.06 24–26*
189. **V.H. TRAN**, **R. TROĆ**, P.de V.du Plessis, G.André, F.Bourée,  
**Nonmagnetic–Magnetic Crossover in the URu $_{1-x}$ Pd $_x$ Ga System.**  
*Phys. Rev. B* **56**  $_{17}$  (1997) 11 065–73. [\[DOI\]](#)
190. **V.H. TRAN**, **R. TROĆ**, H.Noël,  
**Magnetic Properties of the UCo $_{1-x}$ Ni $_x$ Al System.**  
*J. Alloy. Compd.* **262/263** (1997.11) 471–5. [\[DOI\]](#)  
*12th Int.Conf.on Solid Compounds of Transition Elements, SAINT-MALO, FR, 1997.04 22–25*
191. **V.H. TRAN**, **Z. ŻOŁNIEREK**, **A.J. ZALESKI**, H.Noël,  
**AC-Magnetic Susceptibility Study of U $_2$ T $_2$ M ( $T = \text{Ni, Rh, Pd and Pt, } M = \text{In or Sn}$ ).**  
*Solid State Commun.* **101**  $_{9}$  (1997) 709–13. [\[DOI\]](#)
192. **R. TROĆ**, B.Andraka, M.Kuznietz, **V.H. TRAN**, A.M.Gurevich, **M. WOŁCYRZ**, **D. BADURSKI**,  
**Heavy-Fermion Behavior in the Th $_2$ Zn $_{17}$ -Type Pseudo-binary Systems U $_2$ (Cu, $M$ ) $_{17}$  ( $M = \text{Al or Ga}$ ).**  
*Physica B* **230-2** (1997.02) 65–67. [\[DOI\]](#)  
*[5th] Int.Conf.on Strongly Correlated Electron Systems, SCES'96, ZÜRICH, CH, 1996.08 19–22*
193. **R. TROĆ**, **D. KACZOROWSKI**, **T. CICHOREK**, B.Andraka, R.Pietri, Yu.D.Seropegin, A.V.Gribanov,  
**A Unique Metallic System Ce $_3$ Pt $_{23}$ Ge $_{11}$ .**  
*J. Alloy. Compd.* **262/263** (1997.11) 211–4. [\[DOI\]](#)  
*12th Int.Conf.on Solid Compounds of Transition Elements, SAINT-MALO, FR, 1997.04 22–25*
194. **S. TROJANOWSKI**,  
**Prosty regulator do stabilizacji temperatury spoiny odniesienia termoelementu różnicowego.**  
[A Simple Regulator for Stabilization of the Reference Junction Temperature of a Thermocouple.]  
*Pomiary Automatyka Kontrola* **43**  $_{5}$  (1997) 145–7 [in Polish].
195. W.Tylus, **P.J. GODOWSKI**,  
**Struktura warstwy katalizatora wanadowego na podłożu glinowym.** [Layer Composition of Vanadium Catalyst on Aluminium Support.]  
*Inżynieria Powierzchni* Nr 1 (1997) 24–8 [in Polish].
196. **J. ULNER**, **J. SZNAJD**,  
**JAHN–TELLER Phase Transition in  $J = 1$  Tetragonal Paramagnetic Insulator.**  
*Z. Phys. B* **104**  $_{2}$  (1997) 241–5. [\[DOI\]](#)

197. F.G.Vagizov, **R. TROĆ, V.H. TRAN, H. DRULIS**,  
 **$^{57}\text{Fe}$  MÖSSBAUER Effect in UPdSn.**  
*J. Magn. Magn. Mater.* **168** 3 (1997) 299–308. [\[DOI\]](#)
198. **A. WAŚKOWSKA**,  
**Diguanidinium Hexafluorosilicate.**  
*Acta Cryst. C* **53** 1 (1997) 128–30. [\[DOI\]](#)
199. **P. WIŚNIEWSKI, Z. HENKIE**,  
**Otrzymywanie kryształów pniktydków uranu o składzie  $\text{U}_3\text{X}_4$  oraz magnetyczna anizotropia ich oporu elektrycznego.** [Crystal Growth and Magnetic Anisotropy of Resistivity of  $\text{U}_3\text{X}_4$  Pnictides.]  
*Wiadom. Chem.* **51** 7/8 (1997) 571–91 [in Polish].
200. **M. WOŁCYRZ, R. HORYŃ**, G.André, F.Bourée,  
**Crystal Structure and Magnetic Properties of  $\text{Bi}_{0.267}\text{Pr}_{0.733}\text{SrO}_{3-\delta}$  via Neutron Diffraction.**  
*J. Solid State Chem.* **132** 1 (1997) 182–7. [\[DOI\]](#)
201. **M. WOŁCYRZ, R. HORYŃ**, G.André, F.Bourée,  
**Crystal and Magnetic Structures of  $\text{Bi}_{2}\text{Tb}_{8}\text{SrO}_3$  via Neutron Diffraction.**  
*Phys. Rev. B* **55** 21 (1997) 14 335–40. [\[DOI\]](#)
202. **A.J. ZALESKI, J. KLAMUT**,  
**Penetration Depth in Magnetically Oriented Ceramic, Ni- and Zn-Doped  $\text{La}_{1-x}\text{Sr}_x\text{CuO}_4$ .**  
*Physica C* **282-7** (1997.08) 1463–4 [pt III]. [\[DOI\]](#)  
[5th] Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors V, BEIJING, CN, 1997.02 28 –03 04
203. V.I.Zaremba, Yu.B.Tyvanchuk, **J. STEPIEŃ-DAMM**,  
**Crystal Structure of Diytterbium Digermanium Indide,  $\text{Yb}_2\text{Ge}_2\text{In}$ .**  
*Z. Krist. NCS* **212** 2 (1997) 291.
204. **M. ZAWADZKI**,  
**Tlenki i wodorotlenki glinu o strukturze nanometrycznej.** [Nanostructured Aluminium Hydroxides and Oxides.]  
*Wiadom. Chem.* **51** 7/8 (1997) 499–509 [in Polish].
205. R.G.Zhbankov, V.M.Andrianov, **M.K. MARCHEWKA**,  
 **$J. Mol. Struct.$  **436-7** (1997. 12 15) 637–54.** [\[DOI\]](#)  
**FOURIER Transform IR and RAMAN Spectroscopy and Structure of Carbohydrates.**
206. **A. ZYGMUNT**,  
**Magnetometric Determination of JOSEPHSON Critical Fields and Currents of Weak Links in Granular  $\text{YBa}_2\text{Cu}_3\text{O}_{6.92}$  Superconductor.**  
*Mol. Phys. Rept.* **20** (1997) 245–54.  
7th Natl.Symp.on High Temperature Superconductivity, MIEDYZYZDROJE, PL, 1997.09 01–03

## PUBLIKACJE W MATERIAŁACH KONFERENCYJNYCH

### PUBLICATIONS IN CONFERENCE MATERIALS

207. S.Baran, A.Szytuła, J.Leciejewicz, N.Stüßer, Yong Fan Ding, **A. ZYGMUNT**,  
**Commensurate-Incommensurate Magnetic Phase Transitions in  $R\text{AgSn}$  and  $RC\text{uSn}$  ( $R = \text{Tb-Er}$ ) Compounds.**  
In: *Proc. Int. Conf. on Aperiodic Crystals*, ed. by M. de Boissieu, J.-L. Verger-Gaugry, & R.Currat (Singapore: World Sci. 1997) pp. 599–603.  
*Int. Conf. on Aperiodic Crystals*, ALPE d'HUEZ, FR, 1997.08 27–31
208. J.Grzechowiak, A.Masalska, **L. KĘPIŃSKI**, J.Rynkowski,  
**Deactivation Studies of  $\text{Ni}/\text{Al}_2\text{O}_3$  ZSM-5 Catalysts: Effect of Nickel Incorporation.**  
In: *Catalyst Deactivation 1997*, ed. by C.H. Bartholomew & G.A. Fuentes, [Stud.Surf.Sci. Catal. v. 111] (Amsterdam: Elsevier, 1997) pp. 681–6.  
*7th Int.Symp.on Catalyst Deactivation*, CANCUN, QR, MX, 1997.10 05–08
209. A.I.Krivchikov, B.Ya.Gorodilov, **A. CZOPNIK**,  
**Adiabatic Microcalorimeter.**  
In: *Low Temperature Thermometry and Dynamic Temperature Measurement*, ed. by A. SZMYRKA-GRZEBYK (Wrocław: for Int. Measurement Conf.: Institute of Low Temperature and Structure Research, 1997) pp. V7–12.  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & LĄDEK Zdrój, PL, 1997.09 23–25
210. **R. KUBIAK, K. EJSMONT**,  
**Diiodo- Orthodicyanobenzene- Phthalocyaninato- Zirconium(IV).**  
In: *Progress in Coordination and Organometallic Chemistry*, ed. by G.Ondrejovic & A.Sirota (Bratislava: Slovak Technical University Press, 1997) Vol. 3, pp. 81–6.  
*16th Int.Conf.on Coordination Chemistry*, SMOLENICE, SK, 1997.06 09–13
211. **L. LIPIŃSKI, A. SZMYRKA-GRZEBYK, H. MANUSZKIEWICZ**,  
**Comparison of Different Types of Sealed Triple-Point Cells.**  
In: *Low Temperature Thermometry and Dynamic Temperature Measurement*, ed. by A. SZMYRKA-GRZEBYK (Wrocław: for Int. Measurement Conf.: Institute of Low Temperature and Structure Research, 1997) pp. L61–5.  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & LĄDEK Zdrój, PL, 1997.09 23–25
212. **K. ŁUKASZEWCZ**,  
**Crystallography in the Solid State Physics.**  
In: *Condensed Matter Physics '97*, ed. by E.Talik & J.Zioło (Częstochowa: UNI-Service, 1997) pp. 65–9.  
*Jubil.Symp.dev.to 70th Birthday of Prof. A. Chełkowski*, KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
213. **H. MANUSZKIEWICZ, L. LIPIŃSKI, A. SZMYRKA-GRZEBYK**,  
**Thermometric Properties of the Mercury Superconducting Transition.**  
In: *Low Temperature Thermometry and Dynamic Temperature Measurement*, ed. by A. SZMYRKA-GRZEBYK (Wrocław: for Int. Measurement Conf.: Institute of Low Temperature and Structure Research, 1997) pp. L116–20.  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & LĄDEK Zdrój, PL, 1997.09 23–25
214. **K. MARUSZEWSKI, D.Andrzejewski, W. STRĘK**,  
**Optical Sensors Based on Sol–Gel Glasses.**  
In: *Low Temperature Thermometry and Dynamic Temperature Measurement*, ed. by A. SZMYRKA-GRZEBYK (Wrocław: for Int. Measurement Conf.: Institute of Low Temperature and Structure Research, 1997) pp. V21–4.  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & LĄDEK Zdrój, PL, 1997.09 23–25

215. **T. PLACKOWSKI,**  
**Analysis of the Specific Heat Jump at  $T_c$  for  $\text{SmBa}_2\text{Cu}_3\text{O}_{7-\delta}$ .**  
In: *Fluctuation Phenomena in High- $T_c$  Superconductors*, ed. by M.Ausloos & A.A.Varlamov (Dordrecht: Kluwer Acad. 1997) pp. 53–9.  
NATO Adv.Res.Worksh.on Fluctuation Phenomena in High- $T_c$  Superconductors, TRIESTE, IT, 1996.08 05–08
216. A.Ślebarski, A.Jezierski, **A. ZYGMUNT, K. ŁUKASZEWCZ,**  
**KONDO Insulators.**  
In: *Condensed Matter Physics '97*, ed. by E.Talik & J.Zioło (Częstochowa: UNI-Service, 1997) pp. 131–5.  
Jubil.Symp.dev.to 70th Birthday of Prof. A.Chełkowski, KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
217. **H. STACHOWIAK, E. BOROŃSKI, G. BANACH,**  
**Self-Consisted Calculation of the Partial Density Amplitude of Conduction Electrons in Lithium.**  
In: *Materiały 29. Seminarium Anihilacji Pozytonów*, ed. by W.Świątkowski & A.Ostrasz (Opole: Instytut Fizyki Uniwersytetu, 1997) pp. 81–8.  
XXIX Semin. Anihilacji Pozytonów [29th Semin.on Positron Annihilation] JARNOŁTÓWEK, PL, 1997.06 16–21
218. **H. STACHOWIAK, E. BOROŃSKI, G. BANACH,**  
**Electron–Positron Interaction in Lithium.**  
In: *Materiały 29. Seminarium Anihilacji Pozytonów*, ed. by W.Świątkowski & A.Ostrasz (Opole: Instytut Fizyki Uniwersytetu, 1997) pp. 89–98.  
XXIX Semin. Anihilacji Pozytonów [29th Semin.on Positron Annihilation] JARNOŁTÓWEK, PL, 1997.06 16–21
219. P.P.M.Steur, **L. LIPIŃSKI, A. SZMYRKA-GRZEBYK, H. MANUSZKIEWICZ,**  
**Neon Triple Point Measurements at ILT&SR and at IMGC.**  
In: *Proc. of TEMPMEKO '96*, ed. by P.Marcarino (Torino: Levrotto & Bella, 1997) pp. 99–100.  
6th Int.Symp.on Temperature and Thermal Measurements in Industry and Science, TORINO, IT, 1996.09 10–12
220. **W. SUSKI,**  
**Experimental Evidence of the Uranium Contribution to Magnetism of the d-f Intermetallics.**  
In: *Condensed Matter Physics '97*, ed. by E.Talik & J.Zioło (Częstochowa: UNI-Service, 1997) pp. 105–12.  
Jubil.Symp.dev.to 70th Birthday of Prof. A.Chełkowski, KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
221. **A. SZMYRKA-GRZEBYK,**  
**Realizacja w Polsce Międzynarodowej Skali Temperatury z 1990 w zakresie niskich temperatur.**  
[Polish Realization of the International Temperature Scale of 1990 in the Range of Low Temperatures.]  
In: *Metrologia wspomagana komputerowo [Computer-Aided Metrology] III* (Zegrze: Wyż.Szk. Oficerska Wojsk Łączności, 1997) pp. 23–8 [in Polish].  
III Szk.-Konf.: Metrologia Wspomagana Komputerowo [3rd Sch.-Conf.on Computer-Aided Metrology] ZEGRZE, PL, 1997.05 19–22
222. **A. SZMYRKA-GRZEBYK, L. LIPIŃSKI, R.Kuna,**  
**Realization of the International Temperature Scale of 1990 in Poland.**  
In: *Proc. of TEMPMEKO '96*, ed. by P.Marcarino (Torino: Levrotto & Bella, 1997) pp. 45–8.  
6th Int.Symp.on Temperature and Thermal Measurements in Industry and Science, TORINO, IT, 1996.09 10–12
223. **A. SZMYRKA-GRZEBYK, H. MANUSZKIEWICZ, L. LIPIŃSKI, F.Pavese, D.Ferri, D.Graudi, P.P.M.Steur,**  
**Evidence for Anomalies in the Solid–Solid Phase Transitions of Oxygen, and Impurity Detection.**  
In: *Proc. of TEMPMEKO '96*, ed. by P. Marcarino (Torino: Levrotto & Bella, 1997) pp. 105–8.  
6th Int.Symp.on Temperature and Thermal Measurements in Industry and Science, TORINO, IT, 1996.09 10–12

224. A.Szytuła, S.Baran, J.Leciejewicz, M.Ślaski, N.Stüßer, **A. ZYGMUNT**, V.Ivanov,  
**Magnetism of Hexagonal RTX Rare Earth Intermetallic Compounds.**  
In: *Condensed Matter Physics '97*, ed. by E.Talik & J.Zioło (Częstochowa: UNI-Service, 1997) pp. 113–30.  
*Jubil.Symp.dev.to 70th Birthday of Prof. A.Chelkowski*, KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
225. **S. TROJANOWSKI, M. KAZIMIERSKI,**  
**Multi-Channel Temperature Controllers for PELTIER Elements.**  
In: *Low Temperature Thermometry and Dynamic Temperature Measurement*, ed. by  
A. SZMYRKA-GRZEBYK (Wrocław: for Int. Measurement Conf.: Institute of Low Temperature and  
Structure Research, 1997) pp. L92–5.  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK Zdrój,  
PL, 1997.09 23–25
226. **S. TROJANOWSKI, M. KAZIMIERSKI,**  
**Theory and Calculation of Temperature Regulators for Cryogenic Systems.**  
In: *Low Temperature Thermometry and Dynamic Temperature Measurement*, ed. by  
A. SZMYRKA-GRZEBYK (Wrocław: for Int. Measurement Conf.: Institute of Low Temperature and  
Structure Research, 1997) pp. L83–91.  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK Zdrój,  
PL, 1997.09 23–25
227. **S. TROJANOWSKI, M. KAZIMIERSKI,**  
**PELTIER-Element-Cooled Block for Thermometer Calibration in the Temperature  
Range 220–275 K.**  
In: *Low Temperature Thermometry and Dynamic Temperature Measurement*, ed. by  
A. SZMYRKA-GRZEBYK (Wrocław: for Int. Measurement Conf.: Institute of Low Temperature and  
Structure Research, 1997) pp. V17–20.  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK Zdrój,  
PL, 1997.09 23–25
228. **S. TROJANOWSKI, M. KAZIMIERSKI,**  
**PELTIER-Element-Cooled Thermostat for the Water Triple-Point Realization.**  
In: *Low Temperature Thermometry and Dynamic Temperature Measurement*, ed. by  
A. SZMYRKA-GRZEBYK (Wrocław: for Int. Measurement Conf.: Institute of Low Temperature and  
Structure Research, 1997) pp. V13–16.  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK Zdrój,  
PL, 1997.09 23–25
229. **M. WOŁCYRZ, M. ANDRUSZKIEWICZ,**  
**WINREKS – A Computer Program for the Reciprocal Lattice Reconstruction from a Set  
of Electron Diffractograms.**  
In: *Electron Crystallography (Proc. NATO ASI, Erice, Italy, May-Jun.1997)* [NATO ASI Ser. E,  
vol. 347] ed. by D.L. Dorset, S. Hovemöller, & X. Zhou (Dordrecht: Kluwer Acad. 1997) pp. 427–30.  
*NATO Advanced Study Institute on Electron Crystallography*, ERICE (Sicily) IT, 1997.05 22 –06 02

# LISTA PREZENTACJI KONFERENCYJNYCH

## LIST OF CONFERENCE PRESENTATIONS

1. A.Szemik-Hojniak, W.J.Buma, R.Bursi, N.V.Organon, J.H.Van der Waals, **J. HANUZA**,  
**Conformations of Isolated Molecules of 1, 8-bis (Dimethylamino) Naphthalene.** (P)  
[Int.Conf.on "Photochemistry", WARSAW, PL, 1997.08 01–05]
2. W.Amirkhanov, **L. MACALIK, J. HANUZA**, J.Sokolnicki, J.Legendziewicz,  
**Comparative Optical Studies of Lanthanide Complexes with Three Types of Phosphoro-azo Derivatives of  $\beta$ -Diketones.** (P)  
4th Int.Sch.on Excited States of Transition Elements, DUSZNIKI-Zdrój, PL, 1997.09 06–12
3. A.V.Andreev, S.M.Zadvorkin, M.I.Bartashevich, T.Goto, J.Kamarad, Z.Arnold, **H. DRULIS**,  
**Magnetoelastic and Magnetic Properties of  $\beta$ -UH<sub>3</sub>.** (P)  
27èmes Journées des Actinides, DIJON, FR, 1997.04 26–29
4. D.Andrzejewski, **K. MARUSZEWSKI**, H.Podbielska, A.Sidorowicz, **W. STRĘK**, A.Ulatowska,  
**Sol–Gel Optodes for Environmental and Medical Applications.** (P)  
[2nd] Int.Conf.on Biomedical Sensing, Imaging, and Tracking Technologies II (Photonics West '97)  
SAN JOSE, CA, US, 1997.02 08–14
5. G.André, F.Bourée, P.Burlet, **K. WOCHOWSKI, W. SUSKI**,  
**Structure and Element Distribution in the UFe<sub>10-x</sub>Al<sub>x</sub>Si<sub>2</sub> System.** (P)  
27èmes Journées des Actinides, DIJON, FR, 1997.04 26–29
6. G.André, F.Bourée, P.Burlet, **K. WOCHOWSKI, W. SUSKI**,  
**Magnetic Structure of the UCu<sub>4-x</sub>Ni<sub>x</sub>Al<sub>8</sub> System.** (P)  
27èmes Journées des Actinides, DIJON, FR, 1997.04 26–29
7. A.Aoki, Y.Katayama, R.Settai, Y.Ynada, Y.Ōnuki, **Z. KLETOWSKI**,  
**DE HAAS – VAN ALPHEN Effect and the Antiferroquadrupolar Ordering of PrPb<sub>3</sub>.** (P)  
14th Int.Conf.on Magnetism, CAIRNS, Qld, AU, 1997.07 27 – 08 01
8. S.Åsbrink, **A. WAŚKOWSKA**, J.Staun Olsen, L.Gerward,  
**Synchrotron X-ray Diffraction Study of the Pressure-Induced Phase Transition in NiMn<sub>2</sub>O<sub>4</sub>.** (P)  
XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.] WROCŁAW, PL, 1997.06 25–28
9. **G. BANACH**,  
**Samouzgodnione obliczenie amplitudy gęstości elektronów przewodnictwa w licie, cz. II.**  
[Self-Consistent Calculation of the Conduction Electron Density Amplitude in Lithium. Part II.] (L)  
XXIX Og.-pol.Semin. Anihilacji Pozytronów [29th Pol.Semin.on Positron Annihilation]  
JARNOŁTÓWEK, PL, 1997.06 16–21
10. S.Baran, J.Leciejewicz, N.Stüßer, Y.Dong, A.Szytuła, **A. ZYGMUNT**,  
**Magnetic Structures of HoRh<sub>2-x</sub>Ru<sub>x</sub>Si<sub>2</sub> Compounds.** (P)  
XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.] WROCŁAW, PL, 1997.06 25–28
11. S.Baran, A.Szytuła, J.Leciejewicz, N.Stüßer, Yong-Fan Ding, **A. ZYGMUNT**,  
**Commensurate–Incommensurate Magnetic Phase Transitions in RAgSn and RCuSn (R = Tb–Er) Compounds.** (P)  
Int.Conf.on Aperiodic Crystals, ALPE d'HUEZ, FR, 1997.08 27–31
12. **J. BARAN**, M.M.Ilczyszyn, **M.K. MARCHEWK**,  
**Vibrational Studies of Different Modifications of the Sodium Hydrogen Sulphate Crystals.** (P)  
4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCŁAW & POLANICA-Zdrój, PL,  
1997.09 28 – 10 01

13. J. BARAN, A. PIETRASZKO, J.Oszust,  
**Crystal Structure and Vibrational Spectra of 2-Amino-5-Nitropyridine.** (P)  
*4th Natl. Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –10 01
14. L.E.Batay, A.A.Demidovich, A.N.Kuzmin, G.I.Ryabtsev, **W. STĘK**, A.N.Titov,  
**Passive Q-Switching of LD Pumped LBGM:Nd Laser.** (P)  
*4th Int.Sch.on Excited States of Transition Elements,* DUSZNIKI-Zdrój, PL, 1997.09 06–12
15. L.E.Batay, V.P.Gribkovskii, A.A.Demidovich, A.N.Kuzmin, G.I.Ryabtsev, A.P.Shkadarevich, **W. STĘK**,  
**LD Pumped Low Power Lasers on Nd<sup>3+</sup>-Containing Solid-State Media.** (C)  
*2nd Belorussian-Russian Worksh.on Semiconductor Lasers and Systems,* MINSK, BY, 1997.05 22–24
16. G.Bator, **J. BARAN**, R.Jakubas, L.Sobczyk,  
**The Structure and Vibrational Spectra of Some Ferroelectric and Ferroelastic Alkylammonium Halogenoantimonates(III) and Bismutates(III).** (P)  
*4th Natl. Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –10 01
17. W.Bażela, N.Stüßer, A.Szytuła, **A. ZYGMUNT**,  
**Magnetic Structure of TbIrSi<sub>3</sub>.** (P)  
*3rd Int. Conf.on f-Elements,* PARIS, FR, 1997.09 14–18
18. W.Bażela, N.Stüßer, A.Szytuła, **A. ZYGMUNT**,  
**Neutron Diffraction Studies of Magnetic Structure of TbIrSi<sub>3</sub> Compound.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
19. F.Beuneu, **A. PIETRASZKO**, P.Vajda, **O.J. ŻOGAŁ**,  
**Lattice Damage and Al-Metal Precipitation in Irradiated AlH<sub>3</sub>.** (P)  
*Gordon Res. Conf.on Hydrogen–Metal Systems,* HENNIKER, NH, US, 1997.07 13–18
20. F.Beuneu, P.Vajda, **O.J. ŻOGAŁ**,  
**Observation of Micrometer Size Li-Metal Colloids in Electron-Irradiated Li<sub>2</sub>O Crystals.** (P)  
*9th Int. Conf.on Radiation Effects in Insulators,* KNOXVILLE, TN, US, 1997.09 14–19
21. T.V.Bezyazytnaya, V.M.Zelenkovskii, G.I.Ryabtsev, **W. STĘK**,  
**Theoretical Studying of Al-Free Laser Diode Active-Region Defect Properties.** (P)  
*4th Int.Sch.on Excited States of Transition Elements,* DUSZNIKI-Zdrój, PL, 1997.09 06–12
22. O.Bodak, **E. GAŁDECKA**, **J. STEPIEŃ-DAMM**,  
**Crystal Structure of PrFe<sub>1-x</sub>Sn<sub>2</sub>.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
23. **E. BOROŃSKI**,  
**Samouzgodnione obliczenie amplitudy gęstości elektronów przewodnictwa w licie, cz. I.**  
[Self-Consistent Calculation of the Conduction Electron Density Amplitude in Lithium. Part I.] (L)  
*XXIX Og.-pol.Semin. Anihilacji Pozytronów [29th Pol.Semin.on Positron Annihilation]*  
JARNOŁTÓWEK, PL, 1997.06 16–21
24. E.Caron, **A. DRZEWIŃSKI**,  
**Phase Coexistence in Confined ISING Systems: A Density Matrix Renormalization Approach.** (P)  
*13th Symp.on Thermophysical Properties,* BOULDER, CO, US, 1997.06 22–27
25. E.Caron, **A. DRZEWIŃSKI**,  
**Phase Coexistence in Confined  $d = 2$  ISING System: A Transfer Matrix Renormalization Approach.** (P)  
*22nd Semin.of the Middle-European Co-operation in Statistical Physics (MECO-22)*  
SZKLARSKA PORĘBA, PL, 1997.04 03–05

26. E.Caron, **A. DRZEWIŃSKI**,  
**Critical Point Shift in a Fluid Confined between Opposing Walls.** (P)  
*Summ.Sch.of Fundamental Problems in Statistical Physics*, ALtenberg, DE, 1997.08 15–29
27. **G.W. CHĄDZYŃSKI**,  
**The Accuracy in Microweighing in Vacuum and Controlled Environments.** (P)  
*27th Int.Conf.on Vacuum Microbalance Techniques*, LUBLIN, PL, 1997.07 16–18
28. **G.W. CHĄDZYŃSKI**,  
**Microgravimetric Investigations of High-Temperature Superconductors.** (P)  
*27th Int.Conf.on Vacuum Microbalance Techniques*, LUBLIN, PL, 1997.07 16–18
29. **G.W. CHĄDZYŃSKI, J. STĘPIEŃ-DAMM, Z. DAMM†**,  
**Thermal Decompositions of REBa<sub>2</sub>Cu<sub>3</sub>O<sub>6</sub> [RE = Y, Nd, Er].** (P)  
*27th Int.Conf.on Vacuum Microbalance Techniques*, LUBLIN, PL, 1997.07 16–18
30. J.Chrzanowski, **R. KLIMKIEWICZ**, A.W.Morawski,  
**Thermally Stimulated Electron Emission from K–Bi–C.** (P)  
*3rd Eur.Congr.on Catalysis, EuropaCat-III*, CRACOW, PL, 1997.08 31 –.09 06
31. **T. CICHOREK, W. SUSKI, K. WOCHOWSKI**, Ya.V.Galadzhun, Ya.M.Kalychak, V.I.Zaremba,  
**Structure, Magnetic and Electrical Properties of the New Compound Ce<sub>8</sub>Ag<sub>47</sub>In<sub>45</sub>.** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
32. **T. CICHOREK, W. SUSKI, K. WOCHOWSKI**, Ya.V.Galadzhun, Ya.M.Kalychak, V.I.Zaremba,  
**Structure, Magnetic and Electrical Properties of the New Compound CeAg<sub>5.9</sub>In<sub>5.6</sub>.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
33. N.A.Davydova, V.V.Tishchenko, **J. BARAN**, M.Vlček,  
**Photoinduced Reversible Changes in Local Bonding Configuration of Amorphous Ge–S Thin Films.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL,  
1997.09 28 –.10 01
34. A.A.Demidovich, A.N.Kuz'min, G.I.Ryabtsev, **W. STRĘK**, A.N.Titov,  
**1.35 μm LD-Pumped CW KGW:Nd Laser.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
35. **P.J. DEREŃ**, E.Antic-Fidancev, J.-C.Krupa,  
**Energy Transfer from Pr<sup>3+</sup> Ions to Cr<sup>3+</sup> Ions in Y<sub>3</sub>Ga<sub>5</sub>O<sub>12</sub>.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
36. **P.J. DEREŃ**, M.Karbowiak, J.Drożdżyński, J.-C.Krupa,  
**Spectroscopic Properties of U<sup>3+</sup> in ZnCl<sub>2</sub> Base Glass.** (P)  
*3rd Int.Conf.on f-Elements*, PARIS, FR, 1997.09 14–18
37. **P.J. DEREŃ**, J.-C.Krupa, M.Yin, M.-F.Joubert, **W. STRĘK**,  
**Green Emission of U<sup>3+</sup> Ions in LaC<sub>13</sub> Crystal Pumped by Red Laser Light.** (L)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
38. **P.J. DEREŃ**, **W. STRĘK**, E.Zych, K.Drożdżyński, J.-C.Krupa,  
**Vibronic Spectra of Cs<sub>2</sub>NaYBr<sub>6</sub>:U<sup>3+</sup> Single Crystal.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL,  
1997.09 28 –.10 01
39. P.Dervenegas, G.H.Lander, **D. KACZOROWSKI**, **R. TROĆ**, **A. CZOPNIK**, J.Bossy,  
**Neutron Inelastic Scattering on Single Crystals of UGa<sub>3</sub>.** (P)  
*27èmes Journées des Actinides*, DIJON, FR, 1997.04 26–29

40. G. DOMINIĄK-DZIK, W. RYBA-ROMAŃSKI, S. GOŁĄB, M.Berkowski,  
**Growth and Optical Study of Neodymium Doped LaGaO<sub>3</sub> Crystal.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
41. H. DRULIS,  
**Magnetic Properties of the Ytterbium. Non-stoichiometric Hydride Phase.** (I)  
*Jubil.Symp.Nauk. „Fizyka Fazy Skondensowanej” [Semin.on Condensed Phase Physics]* KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
42. H. DRULIS, L. FOLCIK,  
**Badanie rozkładu pola magnetycznego w pobliżu nadprzewodnika II rodzaju metodą EPR.** [EPR Investigation of Magnetic Field Distribution in the Vicinity of a Type-II Superconductor.] (C)  
*VII Kraj.Symp.: „Nadprzewodnictwo Wysokotemperaturowe” [7th Natl Symp.on High Temperature Superconductivity]* MIEDZYZDROJE, PL, 1997.09 01–03
43. H. DRULIS, L. FOLCIK, N.M.Suleimanov,  
**Determination of the Magnetic Field Distribution in Bi 2212 Single Crystals by Scanning EPR-Probe.** (P)  
*1st Int.Symp.on Scanning Probe Spectroscopy & Related Methods*, POZNAŃ, PL, 1997.07 15–18
44. M. DUDZIŃSKI, J. SZNAJD,  
**SUZUKI-TROTTER Decomposition and Renormalization of a Transverse Field ISING Model in Two Dimensions.** (P)  
*22nd Semin.of the Middle-European Co-operation in Statistical Physics (MECO-22)* SZKLARSKA POREBA, PL, 1997.04 03–05
45. P.de V.du Plessis, A.M.Strydom, T. CICHOREK, R. TROĆ, E.M.Levin,  
**Low-Temperature Studies of Non-FERMI Liquid UCu<sub>5-x</sub>Pd<sub>x</sub>.** (P)  
*14th Int.Conf.on Magnetism*, CAIRNS, Qld, AU, 1997.07 27 – 08 01
46. Yu.A.Freiman, S.Tret'yak, A. JEŻOWSKI,  
**Quantum and Classical Phase Transitions in System of Rotors. Application to Solid Hydrogen and Other Simple Molecular Solids under Pressure.** (I)  
*1997 Fall Meet.of Materials Research Soc.* BOSTON, MA, US, 1997.12 01–05
47. Yu.A.Freiman, S.Tret'yak, A. JEŻOWSKI,  
**On Theory of the Phase Transitions in Solid Hydrogen under Pressure. Reentrant Behavior and Critical Points.** (I)  
*2nd Int.Conf.on Cryocrystals and Quantum Crystals*, POLANICA-Zdrój, PL, 1997.09 07–12
48. Yu.A.Freiman, S.Tret'yak, A. JEŻOWSKI,  
**Phase Transitions in Solid Hydrogen under Pressure.** (P)  
*Adriatico Res.Conf.on Simple Systems at High Pressures and Temperatures: Theory and Experiment*, TRIESTE, Italy, 1997.07 01–04
49. Yu.A.Freiman, S.Tret'yak, A. JEŻOWSKI,  
**Quantum Orientational Melting and Phase Transitions in Solid Oxygen under Pressure.** (P)  
*Int.Conf.on Problems of Condensed Matter Theory*, MOSCOW, RU, 1997.07 01–04
50. Yu.A.Freiman, S.Tret'yak, A. JEŻOWSKI,  
**Quantum Orientational Melting and Phase Transitions in Solid Hydrogen under Pressure.** (P)  
*Int.Symp.on Quantum Fluids and Solids*, PARIS, FR, 1997.07 21–26
51. Z. GAJEK, J.C.Krupa,  
**Optical Absorption Study of Electronic Structure of the Np<sup>4+</sup> Ion in ThCl<sub>4</sub> Single Crystal.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12

52. **Z. GALASIEWICZ**,  
**Estimations of the Kinetic Coefficients Connected with Magnetic Fields in Case of  ${}^3\text{He-B}$ .** (P)  
*22nd Semin.of the Middle-European Co-operation in Statistical Physics, SZKŁARSKA POREBA, PL,*  
*1997.04 03–05*
53. **E. GAŁDECKA**,  
**Mastering the Learnt-Profile Method.** (P)  
*17th Eur. Crystallographic Meet. LISBON, PT, 1997.08 24–28*
54. **E. GAŁDECKA**,  
**The Learnt-Profile Method. Two approaches to the Calculation of the Net Intensities.** (C)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.] WROCŁAW, PL, 1997.06 25–28*
55. **E. GAŁDECKA**, Z.Gałdecki, J.Legendziewicz, P.Gawryszewska,  
**Structure of Novel Polynuclear Europium Compound with N-Phosphonomethylglycine: Heptaaquaperchloratodi-m4- N- Phosphonomethylglycine- Dieuropium(III) Triperchlorate Monohydrate,  $[\text{Eu}_2(\text{HO}_3\text{PCH}_2\text{NH}_2\text{CH}_2\text{CO}_2)_2(\text{H}_2\text{O})_7(\text{ClO}_4)_3 \cdot \text{H}_2\text{O}$ .** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.] WROCŁAW, PL, 1997.06 25–28*
56. T.Gavrilko, A.Naumovets, G.Puchkovskaya, L.Viduta, Z.Tkachenko, **J. BARAN, M. DROZD, H. RATAJCZAK**,  
**Temperature Induced Structure Rearrangement and Pyroelectric Properties of Thin Vacuum Deposited Films of Alkali Stearates.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –10 01*
57. B.Ya.Gorodilov, V.V. SUMAROKOV, **P. STACHOWIAK, A. JEŻOWSKI**,  
**Heat Transfer in Solid  $\text{CH}_4$ . Influence of Atomic Impurity (Kr).** (P)  
*2nd Int.Conf.on Cryocrystals and Quantum Crystals, POLANICA-Zdrój, PL, 1997.09 07–12*
58. **H. GRABOWSKA, R. KLIMKIEWICZ**, L.Syper, **J. WRZYSZCZ**,  
**Catalytic Condensation of Primary Alcohols to Ketones.** (P)  
*3rd Eur.Congr.on Catalysis, EuropaCat-III, CRACOW, PL, 1997.08 31 –09 06*
59. **H. GRABOWSKA, R. KLIMKIEWICZ**, L.Syper, **J. WRZYSZCZ**,  
**Otrzymywanie ketonów przez kondensację alifatycznych związków tlenowych wobec katalizatora żelazowego.** [Obtaining of Ketones via Condensation of Aliphatic Oxygen-Containing Compounds over Iron Catalyst.] (P)  
*II Kongres Technologii Chemicznej [2nd Congr.on Chemical Technology], WROCŁAW, PL, 1997.09 15–18*
60. **H. GRABOWSKA, R. KLIMKIEWICZ**, L.Syper, **J. WRZYSZCZ**,  
**Ketonizacja estrów metamerycznych.** [Ketonization of Metameric Esters.] (P)  
*XL Zjazd PTChem. i SITPCHEM. [40th Congr.of Pol.Chem.Soc.& Assoc.Eng.& Techn.of Chem.Industry] GDAŃSK, PL, 1997.09 22–26*
61. **H. GRABOWSKA, R. KLIMKIEWICZ**, L.Syper, **J. WRZYSZCZ**,  
**Otrzymywanie ketonów przez kondensację alifatycznych związków tlenowych wobec katalizatora żelazowego.** [Obtaining of Ketones via Condensation of Aliphatic Oxygen-Containing Compounds over Iron Catalyst.] (P)  
*XL Zjazd PTChem. i SITPCHEM. [40th Congr.of Pol.Chem.Soc.& Assoc.Eng.& Techn.of Chem.Industry] GDAŃSK, PL, 1997.09 22–26*
62. **H. GRABOWSKA, R. KLIMKIEWICZ**, L.Syper, **J. WRZYSZCZ**,  
**Reakcje *n*-butanolu i niektórych jego pochodnych wobec odwodorniającego katalizatora żelazowego.** [Reactions of *n*-butanol and Some of Its Derivatives over Dehydrogenating Iron Catalyst.] (C)  
*XXIX Og.-pol. Kolokwium Katalityczne [29th All.-Pol.Coll.on Catalysis] CRACOW, PL, 1997.02 03–05*

63. J.Grzechowiak, A.Masalska, **L. KĘPIŃSKI**, J.Rynkowski,  
**Deactivation Studies of Ni/Al<sub>2</sub>O<sub>3</sub> ZSM-5 Catalysts: Effect of Nickel Incorporation.** (P)  
*7th Int.Symp.on Catalyst Deactivation*, CANCUN, QR, MX, 1997.10 05–08
64. I.D.Gulay, V.I.Zaremba, **J. STĘPIEŃ-DAMM**, Ya.M.Kalychak,  
**The Interaction of Components in Zr–Ag–In System.** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
65. **J. HANUZA, M. MĄCZKA**,  
**Spectroscopic Properties of Chromium(III) Ions Doped Trigonal KAl(MoO<sub>4</sub>)<sub>2</sub> and Monoclinic NaAl(MoO<sub>4</sub>)<sub>2</sub> Crystals.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
66. **J. HANUZA, M. MĄCZKA**,  
**Właściwości fizykochemiczne chromu(III) w szelitowych i wolframitowych kryształach podwójnych molibdenianów i wolframianów Alkalo-Chromowych.** [Physical and Chemical Properties of Chromium(III) in Sheelite and Wolframite Crystals of Alkali-Chromium Double Molybdates and Tungstates.] (I)  
*XL Zjazd PTChem. i SITPCHEM. [40th Congr.of Pol.Chem.Soc.& Assoc.Eng.& Techn.of Chem.Industry]* GDAŃSK, PL, 1997.09 22–26
67. **J. HANUZA, M. MĄCZKA, A. WAŚKOWSKA, W. OGANOŃSKI**, H.Ban-Oganowska, E.T.G.Lutz, J.H.van der Maas,  
**Effect of Intermolecular ==C—H···O Interaction on the Crystal Structure and Vibrational Properties of 2,6-Dimethyl-4-Nitropyridine N-Oxide.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –10 01
68. R.Hauser, M.Galli, E.Bauer, A.Kottar, G.Hilscher, **D. KACZOROWSKI**,  
**Tuning of a Non-FERMI Liquid State in CeNiGa<sub>2</sub> by Pressure and External Field.** (I)  
*14th Int.Conf.on Magnetism*, CAIRNS, Qld, AU, 1997.07 27 –08 01
69. **A. HAZNAR, A. PIETRASZKO**,  
**Crystal Structure and Phase Transition of Protonic Conductor K<sub>4</sub>LiH<sub>3</sub>(SO<sub>4</sub>)<sub>4</sub>.** (P)  
*17th Eur. Crystallographic Meet.* LISBON, PT, 1997.08 24–28
70. **A. HAZNAR, A. PIETRASZKO**,  
**The Crystal Structure Analysis of K<sub>4</sub>Li<sub>3</sub>(SO<sub>4</sub>)<sub>4</sub> at Range 90 K to the Crystal Melting Temperature.** (P)  
*VI Kraj.Symp. Przewodniki Szybkich Jonów [6th Natl.Symp.on Fast-Ion Conductors]* MOGILANY, PL, 1997.09 09–12
71. **A. HAZNAR, A. PIETRASZKO**,  
**Geometric Isotope Effect of the Hydrogen Bonds in the K<sub>4</sub>LiH<sub>3</sub>(SO<sub>4</sub>)<sub>4</sub>.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
72. **Z. HENKIE, T. CICHOREK, A. PIETRASZKO, R. FABROWSKI, A. WOJAKOWSKI, B.S.Kuzhel, L. KĘPIŃSKI, L. KRAJCZYK**,  
**Search for an Origin of the Non-FERMI-Liquid Behavior of Resistivity of UAsSe Ferromagnet.** (P)  
*27èmes Journées des Actinides*, DIJON, FR, 1997.04 26–29
73. **K. HERMANOWICZ**,  
**Emission Spectra of the Crystal Formed in the RbCl:K<sub>3</sub>Cr(CN)<sub>6</sub> Aqueous Solution.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
74. **R. HORYŃ, Z. BUKOWSKI, M. WOŁCYRZ, A. ZALESKI**,  
**Crystalliochemistry and Physical Properties of New Phases in Rh<sub>2</sub>O<sub>3</sub>–SrO Binary System.** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25

75. J.Hölsä, R.-J.Lamminmäki, M.Lastusaari, E.Säilynoja, P.Porcher, **P. DEREŃ, W. STĘPK**, **Parametric Analysis of the Energy Level Schemes of Pr<sup>3+</sup> and Eu<sup>3+</sup> in La<sub>2</sub>O<sub>2</sub>CN<sub>2</sub>**. (P) *4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
76. J.Hölsä, R.-J.Lamminmäki, P.Porcher, **P. DEREŃ, W. STĘPK**, **Optical Properties of the Dy<sup>3+</sup> Ion in DyOCl**. (P) *4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
77. **W. IWASIECZKO**, I.M.Opainych, V.V.Pavlyuk, O.I.Bodak, **H. DRULIS**, **Hydrogen Absorption–Desorption and Crystallographic Characteristics of CeNi<sub>5-x</sub>Zn<sub>x</sub> (x = 0.3–0.85) Intermetallics**. (P) *2nd Int.Conf.on Hydrogen Power: Theoretical and Engineering Solutions [HyPoThESIS II]* GRIMSTAD, NO, 1997.08 18–22
78. **J. STEPIEŃ-DAMM**, O.V.Zaplatyns'ky, O.L.Sologub, P.S.Salamakha, **Interaction Behavior of Neodymium and Copper (Silver, Gold) with Elements of Group IVa**. (P) *12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
79. **J.M. JABŁOŃSKI, M. WOŁCYRZ, L. KRAJCZYK**, **On the Cobalt Silicate Formation During Calcination and Reduction with Hydrogen of Cobalt/Silica Catalysts**. (P) *3rd Eur.Congr.on Catalysis, EuropaCat-III*, CRACOW, PL, 1997.08 31 –.09 06
80. **J. JANCZAK, R. KUBIAK**, **Mixed Valence, Tetradisordered Structure of Iodine-Doped Bismuth(III) Diphthalocyanine**. (P) *XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
81. **J. JANCZAK**, P.Luger, **Crystal Structure of L-Proline Monohydrate at 100 K.** (P) *XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–38
82. **J. JANCZAK**, P.Luger, R.Flaig, T.Kortisánszky, D.Zobel, **Experimental Electron Density Distribution of L-Threonine at 19 K.** (P) *XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–38
83. **A. JEŻOWSKI**, R.Poprawski, J.Mróz, **Thermal Conductivity Anomalies in (CH<sub>3</sub>NH<sub>3</sub>)<sub>5</sub>Bi<sub>2</sub>Br<sub>11</sub> Ferroelectric Crystals**. (P) *9th Int.Meet.on Ferroelectricity*, SEOUL, KO, 1997.08 24–29
84. J.Józków, G.Bator, R.Jakubas, **J. BARAN**, **Infrared Studies of the Phase Transitions in (i-C<sub>4</sub>H<sub>9</sub>NH<sub>3</sub>)<sub>3</sub>Bi<sub>2</sub>Br<sub>9</sub>**. (P) *4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –.10 01
85. **D. KACZOROWSKI**, **Hybridization Effects in Ternary Cerium Intermetallics**. (I) *12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
86. **D. KACZOROWSKI, P.W. KLAMUT, A. CZOPNIK**, **Mysterious Low-Temperature Magnetic Behavior of Single-Crystalline UGa<sub>3</sub>**. (C) *27èmes Journées des Actinides*, DIJON, FR, 1997.04 26–29
87. **D. KACZOROWSKI, P.W. KLAMUT, A. CZOPNIK, A. JEŻOWSKI**, **Unusual Magnetic Properties of UGa<sub>3</sub> Single Crystals**. (P) *14th Int.Conf.on Magnetism*, CAIRNS, Qld, AU, 1997.07 27 –.08 01

88. M.Karbowiak, J.Drożdżyński, **Z. GAJEK**, K.Kossowski,  
**Spectroscopic Studies and Crystal-Field Analysis of U<sup>3+</sup> Ions in Single Crystals and Compounds.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
89. M.Karbowiak, N. Edelstein, **Z. GAJEK**, J.Drożdżyński,  
**Crystal-Field Analysis of U<sup>3+</sup> Ions in K<sub>2</sub>LaX<sub>5</sub> (X = Cl, BR, or I) Single Crystals.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
90. A.Katrusiak, A.Kowalski, **D. KUCHARCZYK**, H-P.Weber,  
**Crystal Structure of (–) – Δ<sup>16(17)</sup>-Dehydrolupaninium Perchlorate from Sealed-Tube and Synchrotron X-ray Diffraction Data.** (P)  
*10th Int.Symp.on Organic Crystal Chemistry*, POZNAŃ & RYDZYNA, PL, 1997.08 17–21
91. **L. KĘPIŃSKI**,  
**Carbon Deposition in Pd/CeO<sub>2</sub> Catalyst: TEM Study.** (P)  
*3rd Eur.Congr.on Catalysis, EuropaCat-III*, CRACOW, PL, 1997.08 31 –.09 06
92. **L. KĘPIŃSKI, M. WOŁCYRZ**,  
**Microstructure of Pd/CeO<sub>2</sub> and Pd/CeO<sub>2</sub>SiO<sub>2</sub> Catalysts: TEM and XRD Study.** (P)  
*17th Conf.on Applied Crystallography*, WISŁA-JAWORNIK, PL, 1997.08 31 –.09 04
93. **L. KĘPIŃSKI, M. WOŁCYRZ**,  
**Microstructure of Pd/CeO<sub>2</sub> and Pd/CeO<sub>2</sub>/SiO<sub>2</sub> Catalysts: TEM and XRD Study.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
94. L.Kirpichnikova, **A. PIETRASZKO**,  
**Crystal Structure and Properties of the Crystals of DMASS Family.** (P)  
*17th Eur. Crystallographic Meet.* LISBON, PT, 1997.08 24–28
95. A.V.Kirschner, T.Luxbacher, H.P.Fritzer, B.Koppelhuber-Bitschnau, **B. NISSEN**, C.D.Flint,  
**Spectroscopy of Hexanitritoelpasolite Crystals: The Effect of the Rare-Earth Ion on the Progression in the Nitrite Vibration.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
96. **P. KLAMUT, K. ROGACKI**, B.Dabrowski,  
**Irreversibility Fields and J<sub>c</sub> for La<sub>2-x</sub>Ca<sub>1+x</sub>Cu<sub>2</sub>O<sub>6</sub> Materials.** (P)  
*American Physical Society '97 March Meet.*, KANSAS City, MO, US, 1997.03 17–21
97. **P.W. KLAMUT, A. SIKORA, Z. BUKOWSKI**, B.Dabrowski,  
**On the Properties of Pr<sub>2</sub>CuO<sub>4±δ</sub> and RE<sub>2-x</sub>Pr<sub>x</sub>CuO<sub>4±δ</sub> Prepared under Elevated Oxygen Pressure Conditions.** (P)  
*Gordon Res.Conf.on Superconductivity*, VENTURA, CA, US, 1997.01 12–17
98. **P.W. KLAMUT, A. SIKORA, Z. BUKOWSKI**, B.Dabrowski, **J. KLAMUT**,  
**On the Properties of Pr<sub>2</sub>CuO<sub>4±δ</sub> and RE<sub>2-x</sub>Pr<sub>x</sub>CuO<sub>4±δ</sub> Synthesized under Elevated Oxygen Pressure Conditions.** (P)  
*[5th] Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors V*, BEIJING, CN, 1997.02 28 –.03 04
99. M.A.Kojdecki, **L. KRAJCZYK**, W.Mielcarek,  
**Dependence of Sizes and Shapes of Crystallites in Zinc Oxide Powder on Annealing Temperature.** (P)  
*17th Conf.on Applied Crystallography*, WISŁA-JAWORNIK, PL, 1997.08 31 –.09 04
100. **G. KONTRYM-SZNAJD**, E.Józefczuk,  
**Image Reconstruction of Electronic Densities from Linear Projections.** (P)  
*11th Int.Conf.on Positron Annihilation*, KANSAS City, MO, US, 1997.05 25–30

101. **G. KONTRYM-SZNAJD**, R.N.West, S.B.Dugdale,  
**COMPTON Profiles Data Analysis.** (L)  
*11th Int.Conf.on Positron Annihilation*, KANSAS City, MO, US, 1997.05 25–30
102. **T.K. KOPEĆ**,  
**Quantum Effects in Disordered JOSEPHSON Junctions Arrays with Long Range Interactions.** (L)  
*VII Kraj.Symp.: „Nadprzewodnictwo Wysokotemperaturowe” [7th Natl Symp.on High Temperature Superconductivity]* MIEDZYDROJE, PL, 1997.09 01–03
103. **T.K. KOPEĆ**, K.D.Usadel,  
**Quantum Spin Glass on the BETHE Lattice.** (P)  
*22nd Semin.of the Middle-European Co-operation in Statistical Physics*, SZKLARSKA PORĘBA, PL, 1997.04 03–05
104. M.M.Kreevoy, S.Marimanikkuppam, V.G.Young, Jr., **J. BARAN**, M.Szafran, A.J.Schultz, F.Trouw,  
**The Proton Potential Function and Dynamics in Sodium Hydrogen bis(4-nitrophenoxide) Dihydrate.** (P)  
*Disc.Meet.of the Deutsche Bunsen-Gesellschaft für Physikalische Chemie: Hydrogen Transfer: Experiment and Theory*, BERLIN, DE, 1997.09 10–13
105. A.I.Kravcikov, B.Ya.Gorodilov, **A. CZOPNIK**,  
**Adiabatic Microcalorimeter.** (P)  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK-Zdrój, PL, 1997.09 23–25
106. **T. KRZYSZTOŃ**,  
**Activated Flux Motion in Antiferromagnetic Layered Superconductor.** (P)  
*22nd Semin.of the Middle-European Co-operation in Statistical Physics*, SZKLARSKA PORĘBA, PL, 1997.04 03–05
107. **T. KRZYSZTOŃ**,  
**Intrinsic Pinning in Layered Antiferromagnetic Superconductor.** (P)  
*VII Kraj.Symp.: „Nadprzewodnictwo Wysokotemperaturowe” [7th Natl Symp.on High Temperature Superconductivity]* MIEDZYDROJE, PL, 1997.09 01–03
108. **R. KUBIAK**,  
**On Formation and Complexation of Phthalocyanines.** (I)  
*4th Int.Conf.on Intermolecular Interactions in Matter*, GDAŃSK, PL, 1997.09 10–11
109. **R. KUBIAK**,  
**Synteza i zastosowania przemysłowe ftalocyjaniny miedziowej.** [Synthesis and Industrial Applications of Copper Phthalocyanine.] (L)  
*Mikrosymp. Metaloporfiryny i Metaloftalocyjaniny: Synteza, Struktura, Właściwości* [Microsymp.on Metalporphyrins and Metalophthalocyanines] ŁÓDŹ, PL, 1997.12 01
110. **R. KUBIAK, K. EJSMONT**,  
**A Novel Phthalocyanine of Bismuth.** (P)  
*10th Int.Symp.on Organic Crystal Chemistry*, RYDZYNA (Poznań) PL, 1997.08 17–21
111. **R. KUBIAK, K. EJSMONT**,  
**Diiodo-Orthodicyanobenzeno-Phthalocyaninato Zirconium(IV).** (C)  
*16th Conf.on Coordination Chemistry*, SMOLENICE, SK, 1997.06 09–13
112. **R. KUBIAK, K. EJSMONT**,  
**(Phthalocyaninato) Bismuth–Bismuth Iodide.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28

113. **R. KUBIAK, K. EJSMONT**,  
**Di- $\mu$ -Iodo-Bis (Phthalocyaninato) Bismuth.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
114. **R. KUBIAK, K. EJSMONT, M. RAZIK**,  
**Structures of Some Iodo(Phthalocyaninato)-Group-15-Element Complexes.** (P)  
*17th Eur. Crystallographic Meet.* LISBON, PT, 1997.08 24–28
115. **R. KUBIAK, J. JANCZAK, F.Hahn**,  
**Iodine Phthalocyanine.** (P)  
*17th Eur. Crystallographic Meet.* LISBON, PT, 1997.08 24–28
116. **R. KUBIAK, M. RAZIK**,  
**(Phthalocyaninato) Antimony Iodide.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
117. **D. KUCHARCZYK**,  
**Automatic Four-Circle Diffractometer with CCD Detector.** (L)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
118. F.Le Berre, C.Hamard, A.Foutel, E.Guignaudéau, A.Corrigan, O.Peña, **A. WOJAKOWSKI**,  
**Propriétés supraconductrices du binaire dope  $[Mo_6Se_8]M_x$  ( $x \leq 1$  at.%).** [Superconducting Properties of Doped Binary Compound  $[Mo_6Se_8]M_x$  ( $x \leq 1$  at.%).] (C)  
*4èmes Journées Nationales d'Etudes: Supraconducteurs à haute température critique [4th Natl.Study Days: High- $T_c$  Superconductors]* CAEN, FR, 1997.03 27–28
119. F.Le Berre, O.Peña, C.Hamard, A.Corrigan, **R. HORYŃ, A. WOJAKOWSKI**,  
**New Superconducting Materials Based upon Doping of the CHEVREL-Phase Binary Compound  $Mo_3Se_4$ .** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements,* SAINT-MALO, FR, 1997.04 22–25
120. F.Le Berre, O.Peña, C.Hamard, **R. HORYŃ, A. WOJAKOWSKI**,  
**Superconducting and Structural Properties of Rare-Earth CHEVREL-Phase Selenides  $REMo_6Se_8$ : First Single Crystal Studies.** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements,* SAINT-MALO, FR, 1997.04 22–25
121. J.Legendziewicz, P.Gawryszewska, **E. GĄDECKA**, Z.Gałdecki,  
**Novel Polynuclear Compound of Europium with N-Phosphonomethylglycine: Spectroscopy and Structure.** (P)  
*3rd Int.Conf.on f-Elements,* PARIS, FR, 1997.09 14–18
122. J.Legendziewicz, P.Gawryszewska, **A. WAŚKOWSKA**,  
**Spectroscopic Studies of Europium Compound with  $\beta$ -Alaninehydroxamic Acids. Relation to the Structure.** (P)  
*4th Int.Sch.on Excited States of Transition Elements,* DUSZNIKI-Zdrój, PL, 1997.09 06–12
123. **R. LEMAŃSKI**,  
**How Are Correlations between Electrons Related to an Arrangement of Ions in the 1D FALICOV-KIMBALL Model.** (P)  
*22nd Semin.of the Middle-European Co-operation in Statistical Physics,* SZKLARSKA PORĘBA, PL, 1997.04 03–05
124. **R. LEMAŃSKI**,  
**Electron Correlations in the FALICOV-KIMBALL Model.** (P)  
*26th Int.Semin.on Dynamical Properties of Solids (DYPROS-26)* DAVOS, CH, 1997.09 21–26
125. E.M.Levin, **R. TROĆ, R. ANDRUSZKIEWICZ**, T.Palewski,  
**Magnetoresistance of  $UCu_5Al$  Intermetallic Compound.** (P)  
*27èmes Journées des Actinides,* DIJON, FR, 1997.04 26–29

126. **L. LIPIŃSKI, A. SZMYRKA-GRZEBYK, H. MANUSZKIEWICZ,**  
**Comparison of Different Types of Sealed Triple-Point Cells.** (L)  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK-Zdrój, PL, 1997.09 23–25
127. **K. ŁUKASZEWCZ,**  
**Crystallography in the Solid State Physics.** (I)  
*Jubil.Symp.Nauk. Fizyka Fazy Skondensowanej [Semin.on Condensed Phase Physics]* KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
128. **K. ŁUKASZEWCZ,**  
**The Beauty of Disorder.** (L)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
129. **K. ŁUKASZEWCZ, A. PIETRASZKO, J. STĘPIEŃ-DAMM, A.Kajokas,**  
**Crystal Structure and Phase Transitions of the Ferroelectric Antimony Sulphoiodide SbSI.** (P)  
*17th Eur. Crystallographic Meet.* LISBON, PT, 1997.08 24–28
130. **E. ŁUKOWIAK, W. STRĘK, H. DRULIS, V.E.Gaishun, G.E.Malashkevich,**  
**EPR Studies of Chromium-Doped Sol-Gel Glasses.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
131. B.Lutz, T.Steiner, J.A.Kanters, **J. HANUZA, M. MĄCZKA, H.-J.Luinge, J.H.van der Maas,**  
**Vibrational Spectroscopic Evidence for C—H···O Hydrogen Bonds in Crystals and Solution.** (P)  
*[Int.Conf.:] “Structure and Reactivity”* LUNTEREN, NL, 1997.02 03–04
132. B.Lutz, T.Steiner, J.A.Kanters, **J. HANUZA, M. MĄCZKA, H.-J.Luinge, J.H.van der Maas,**  
**Spectroscopic Evidence for C—H···O Hydrogen Bonds in Crystals and Solution.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –.10 01
133. T.Luxbacher, A.Kirschner, H.P.Fritzer, **B. NISSEN-SOBOCIŃSKA, C.D.Flint,**  
**Spectroscopy of Hexanitroelpasolite Crystals: the Effect of the Rare-Earth Ion on the Progression in the NO<sub>2</sub><sup>-</sup> Vibration.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
134. **B. MACALIK, M.Siu-Li, S.Zazubovich,**  
**ITC Study of Ga<sup>+</sup>-, Ge<sup>2+</sup>-, and Sn<sup>2+</sup>-Doped Alkali Halides.** (P)  
*Int.Symp.on Defect-Dependent Processes in Insulators and Semiconductors*, SÃO PAULO, SP, BR, 1997.07 31 –.08 04
135. **L. MACALIK, P.J. DEREŃ, J. HANUZA, W. STRĘK, A.A.Demidovich, A.N.Kuzmin,**  
**Effect of Random Distribution and Molecular Interactions on Optical Properties of Er<sup>3+</sup> Doped in KY(WO<sub>4</sub>)<sub>2</sub> and Ho<sup>3+</sup> in KYb(WO<sub>4</sub>)<sub>2</sub>.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –.10 01
136. **L. MACALIK, J. HANUZA, J.Sokolnicki, J.Legendziewicz,**  
**Optical Properties of Lanthanide Molybdates and Tungstates: KLa<sub>1-x</sub>Ln<sub>x</sub>(MO<sub>4</sub>)<sub>2</sub> (M = Mo, W; Ln = Pr, Nd; x ≤ 1).** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
137. G.E.Malashkevich, I.M.Melnichenko, E.N.Poddenezhny, A.A.Boiko, V.E.Gaishun, **W. STRĘK, K. MARUSZEWSKI,**  
**Influence of Saturation with Hydrogen on Structure and Spectral-Luminescent Properties of Co- and Cu-Containing Silica Gel Glasses.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12

138. G.E.Malashkevich, E.N.Poddenezhny, I.M.Melnichenko, V.B.Prokopenko, D.V.Demyanenko,  
**W. STĘK**,  
**Influence of Cerium on Photostability of Organic Dyes Incorporated to Siliceous Gel–Films.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
139. G.E.Malashkevich, E.N.Poddenezhny, I.M.Melnichenko, A.V.Semchenko, V.E.Gaishun, A.G.Machanek,  
**W. STĘK**,  
**Influence of Cerium Ions on Structure of Europium Optical Centers in Silica Gel–Glasses.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
140. G.E.Malashkevich, E.N.Poddenezhny, I.M.Melnichenko, V.S.Urbanovich, I.V.Prusova, **W. STĘK**,  
**K. MARUSZEWSKI**,  
**Changing of Spectral-Luminescent Characteristics of Eu-, Al–Eu- and ZnS–CdS-Containing Xerogels as a Result of Their Compression.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
141. **H. MANUSZKIEWICZ, L. LIPIŃSKI, A. SZMYRKA-GRZEBYK**,  
**Thermometric Properties of the Mercury Superconducting Transition.** (P)  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK-Zdrój, PL, 1997.09 23–25
142. **K. MARUSZEWSKI**, D.Andrzejewski, **W. STĘK**,  
**Optical Sensors Based on Sol–Gel Glasses.** (P)  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK-Zdrój, PL, 1997.09 23–25
143. K.Maruszewski, **M. JASIORSKI**, W.Wacławek, **W. STĘK**, M.Lisowski,  
**Silicate Xerogels with Dopant-Induced Chirality.** (P)  
*9th Int.Worksh.on Glasses, Ceramics, Hybrids & Nanocomposites from Gels*, SHEFFIELD, E, UK, 1997.08 31 –.09 05
144. **K. MARUSZEWSKI**, A.Sidorowicz, W.Wacławek, **W. STĘK**,  
**Fotouczulacze i ich zastosowanie w fotodynamicznej terapii nowotworów.** [Photosensitizers and Their Application in Photodynamic Therapy of Tumors.] (P)  
*EKO–OPOLE '97*, JAMROZOWA POLANA (Duszniki) PL, 1997.10 20–23
145. **K. MARUSZEWSKI**, **W. STĘK**,  
**Physicochemical Properties of Ru(II) Polypiridine Complexes in Constraint Media.** (L)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
146. **K. MARUSZEWSKI**, A.Ulatowska, A.Sidorowicz, H.Podbielska, **W. STĘK**,  
**Physicochemical Properties of 5,5'- Dimethoxy- 3,3'Dibuthylosulfo- 9-Ethyltiacarbocyanine (DDTC) in Solutions and Immobilized in Sol–Gel Glasses.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –.10 01
147. M.May, S.Debrus, J.Venturini, **J. BARAN, H. RATAJCZAK**,  
**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.** (I)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –.10 01
148. Le-Quoc Minh, Tran-Kim Anh, Pham-Ngoc Thanh, **W. STĘK**,  
**The Preparation of Sol–Gel Materials Based on Tetraethoxysilane–Phtalocyanine Rare Earth Ions.** (P)  
*3rd Int.Conf.on f-Elements*, PARIS, FR, 1997.09 14–18
149. **T. MORAWSKA-KOWAL, B. MACALIK**,  
**Precipitation of Dopant Ions in NaCl:Eu<sup>2+</sup>.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12

150. **B. NISSEN-SOBOCIŃSKA**, W.P.Griffiths, C.D.Flint,  
**Infrared and Raman Spectroscopy of the Cubic Compounds  $Cs_2NaLn(NO_2)_6$** . (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
151. **B. NISSEN-SOBOCIŃSKA**, **W. STRĘK**, C.D.Flint, Rui-Qiang Xie, P.Pershukovich,  
**Optical Properties of the  $Nd^{3+}$  Ion in  $Cs_2NaNd(NO_3)_6$  Crystals.** (P)  
*3rd Int.Conf.on f-Elements*, PARIS, FR, 1997.09 14–18
152. **J. OKAL**, **L. KRAJCZYK**,  
**Effect of High-Temperature Reduction of  $Re/\gamma-Al_2O_3$  Catalyst on Dispersion and Activity of Rhenium.** (P)  
*3rd Eur.Congr.on Catalysis, EuropaCat-III*, CRACOW, PL, 1997.08 31 –09 06
153. E.Okuno, E.Matheus-Yoshimura, **L. KRAJCZYK**, **M. SUSZYŃSKA**,  
**Formation of Silver Colloids in Ion Exchanged Soda-Lime Silicate Glasses by Irradiation.** (P)  
*9th Int.Conf.on Radiation Effects in Insulators*, KNOXVILLE, TE, US, 1997.09 14–19
154. **J. OLEJNICZAK**, **W. SUSKI**, **K. WOCHOWSKI**, T.Mydlarz,  
**Magnetic Properties and  $^{57}Fe$  Mössbauer Effect in the  $U_2Fe_{17-x}Ge_x$** . (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
155. **S. PASZKOWSKI**,  
**Przyspieszanie zbieżności ułamków łańcuchowych.** [Convergence Acceleration Methods for Continued Fractions.] (L)  
*XXVI Og.-pol. Konf. Nauk.-Szk. Zastosowań Matematyki [26th Sch.& Conf.on Applications of Mathematics]* ZAKOPANE, PL, 1997.09 23–30
156. E.Pawlik, **W. STRĘK**, **P. DEREŃ**, J.Wójcik, G.E.Malashkevich, E.N.Poddenezhny,  
**Optical Properties Erbium-Doped Silica Fibers Obtained by Sol-Gel Method.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
157. **A. PIETRASZKO**, **A. HAZNAR**,  
**Ferroelastic and Protonic Phase Transitions of  $NH_4LiH_3(SO_4)_4$  Crystals.** (P)  
*17th Eur. Crystallographic Meet.* LISBON, PT, 1997.08 24–28
158. **A. PIETRASZKO**, **A. HAZNAR**,  
**Struktura krystaliczna a migracja jonów Cu w krysztale  $Cu_6PS_5Br$ .** [Crystal Structure and Cu-Ions Migration in a  $Cu_6PS_5Br$  Crystal.] (L)  
*VI Kraj.Symp. Przewodniki Szybkich Jonów [6th Natl.Symp.on Fast-Ion Conductors]* MOGILANY, PL, 1997.09 09–12
159. **A. PIETRASZKO**, **P.E. TOMASZEWSKI**,  
**Structure and Phase Transitions in  $(NH_3CH_3)_2AlCl_5 \cdot 6H_2O$ .** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
160. **T. PLACKOWSKI**, **A. JEŻOWSKI**, **Z. BUKOWSKI**,  
**Heat Transport in the Insulating Phases of  $Sm_{1+x}Ba_{2-x}Cu_3O_y$  High Temperature Superconductors.** (P)  
*Eur.Conf.on Electron-Phonon-Interactions and Phase Transitions*, ERICE (Sicily) IT, 1997.06 09–15
161. **T. PLACKOWSKI**, **A. JEŻOWSKI**, **Z. BUKOWSKI**, **C. SUŁKOWSKI**, **H. MISIOREK**,  
**Thermal Conductivity of  $SmBa_2Cu_3O_{7-\delta}$  Oxidized at 250 bar: A Comparison of the Phonon and Electron Models.** (C)  
*VII Kraj.Symp.: „Nadprzewodnictwo Wysokotemperaturowe” [7th Natl Symp.on High Temperature Superconductivity]* MIEDYZDROJE, PL, 1997.09 01–03

162. T. PLACKOWSKI, Cz. SUŁKOWSKI, W.Sadowski,  
**Charge Carrier Sign in HTSC. Anisotropy of Thermopower of  $REBa_2Cu_3O_{7-\delta}$  Single Crystals (44 K <  $T_c$  < 90 K).** (P)  
*3rd Dutch-Polish Colloq.on Condensed Matter Physics*, AMSTERDAM, NL, 1997.01 24–25
163. H.Podbielska, K. MARUSZEWSKI, D.Andrzejewski, W. STĘK,  
**Emission Spectra of Bipirydine and Ruthenium Complexes in Sol–Gel Glass for Environmental Sensing.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
164. D. POTOCZNA-PETRU,  
**Changes in Dispersion and Reactivity of Co on Silica and on Carbon During Thermal Treatment in  $H_2$ .** (P)  
*3rd Eur.Congr.on Catalysis, EuropaCat-III*, CRACOW, PL, 1997.08 31 –.09 06
165. G.Puchkovskaya, A.Tereshchenko, L.Shanski, O.Yaroshchuk, J. BARAN,  
**Spectroscopic Study of the Mechanism of Photoinduced Anisotropy in azo-Dye Containing Polymers.** (L)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –.10 01
166. W. RYBA-ROMANOWSKI, S. GOŁĄB,  
**Optical Spectra of  $Yb^{3+}$  and  $Yb^{3+}-Nd^{3+}$  Interaction in  $Cs_2NaNd_{0,4}Yb_{0,6}Cl_6$ .** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –.10 01
167. W. RYBA-ROMANOWSKI, S. GOŁĄB, G. DOMINIAK-DZIK, W.A. PISARSKI, M.Berkowski, J.Fink-Finowicki,  
**Growth and Spectroscopy of Chromium-Doped  $SrXGa_3O_7$  ( $X = La, Gd$ ) Crystals.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
168. W. RYBA-ROMANOWSKI, S. GOŁĄB, G. DOMINIAK-DZIK, W.A. PISARSKI, D.Podziadła, Z.Czapla,  
**Optical Spectroscopy of Chromium Doped  $(CH_3)_2NH_2X(SO_4)_2 \cdot 6H_2O$  ( $X = Al, Ga$ ) Single Crystals.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –.10 01
169. A. SIKORA, Cz. SUŁKOWSKI, P.W. KLAMUT,  
**Wpływ zmiany ilości tlenu na właściwości transportowe ceramik  $RE_2CuO_{4\pm\delta}$ .** [Influence of Oxygen Content Variation on Transport Properties of  $RE_2CuO_{4\pm\delta}$  Ceramics.] (P)  
*VII Kraj.Symp.: ,Nadprzewodnictwo Wysokotemperaturowe' [7th Natl Symp.on High Temperature Superconductivity]* MIĘDZYZDROJE, PL, 1997.09 01–03
170. A.Ślebarski, A.Jezierski, A. ZYGMUNT, M.Neumann,  
**Magnetism of Hexagonal  $RTX$  Rare Earth Intermetallic Compounds.** (C)  
*Jubil.Symp.Nauk. Fizyka Fazy Skondensowanej [Semin.on Condensed Phase Physics]* KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
171. J.Sokolnicki, K. MARUSZEWSKI, W. STĘK, J.Legendziewicz,  
**Fluorescence and Absorption Probe of Metal Ion Center in Silicates Obtained by Sol–Gel Technique.** (P)  
*9th Int.Worksh.on Glasses, Ceramics, Hybrids & Nanocomposites from Gels*, SHEFFIELD, E, UK, 1997.08 31 –.09 05
172. I. SOKÓLSKA, S. GOŁĄB, W. RYBA-ROMANOWSKI,  
**Optical Spectroscopy of Doped  $LiTaO_3$  Crystals.** (L)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12

173. **I. SOKÓLSKA**, S.Kück,  
**Optical Characterization of Cr<sup>3+</sup> Doped LiTaO<sub>3</sub> Crystals Relevant for Laser Application.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
174. **I. SOKÓLSKA**, **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**, T.Łukasiewicz, M.Świrkowicz,  
**Optical Spectroscopy of Doped LiTaO<sub>3</sub> Crystals.** (P)  
*3rd Int.Conf.on f-Elements*, PARIS, FR, 1997.09 14–18
175. **H. STACHOWIAK**,  
**Oddziaływanie elektron-pozytron w licie.** [Electron–Positron Interaction in Lithium.] (I)  
*XXIX Og.-pol.Semin. Anihilacji Pozytronów [29th Pol.Semin.on Positron Annihilation]*  
JARNOŁTÓWEK, PL, 1997.06 16–21
176. **H. STACHOWIAK**, **E. BOROŃSKI**, **G. BANACH**,  
**On Observing the DANIEL–VOSKO Type Electron Distribution by Positron Annihilation.** (P)  
*11th Int.Conf.on Positron Annihilation*, KANSAS City, MO, US, 1997.05 25–30
177. **H. STACHOWIAK**, **E. BOROŃSKI**, **G. BANACH**,  
**Many-Body Theory of Electron–Positron Interaction in Metallic Lithium.** (L)  
*11th Int.Conf.on Positron Annihilation*, KANSAS City, MO, US, 1997.05 25–30
178. **P. STACHOWIAK**, V.V. SUMAROKOV, **J. MUCHA**, **A. JEŻOWSKI**,  
**Low Temperature Thermal Conductivity of Carbon Monoxide.** (P)  
*2nd Int.Conf.on Cryocrystals and Quantum Crystals*, POLANICA-Zdrój, PL, 1997.09 07–12
179. **J. STEPIEŃ-DAMM**, P.Salamacha, **K. WOCHOWSKI**, **W. SUSKI**,  
**Crystal Structure of Mo<sub>9</sub>Fe<sub>4.75</sub>Al<sub>0.25</sub>.** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
180. **W. STRĘK**,  
**Red Laser Operation for Diode-Pumped Nd:KUW Crystal.** (L)  
*[1st] Int.Conf.on Tunable Solid State Lasers*, Les HOUCHES, FR, 1997.05 11–14
181. **W. STRĘK**,  
**Application of Laser Systems in Photodynamic Therapy.** (L)  
*Int.Symp.on Photodynamic Therapy*, WROCŁAW, PL, 1997.06 12–14
182. **W. STRĘK**, **P. DEREŃ**, **E. ŁUKOWIAK**, **B. NISSEN**, **J. WRZYSZCZ**, **M. ZAWADZKI**,  
P.Pershukievich,  
**Preparation and Emission Spectra of Eu(III) in Nanostructured γ-Alumina.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
183. **W. STRĘK**, J.Legendziewicz, **E. ŁUKOWIAK**, **K. MARUSZEWSKI**, J.Sokolnicki, A.A.Boiko,  
M.Borzechowska,  
**Optical Properties of Pr<sup>3+</sup>-Doped Silica Gel Glasses Obtained by Sol–Gel Metod.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
184. **W. STRĘK**, **E. ŁUKOWIAK**, **K. MARUSZEWSKI**, J.Legendziewicz, J.Sokolnicki, A.A.Boiko,  
**Optical Properties of Pr-Doped Silica Glass Obtained by Sol–Gel Method.** (P)  
*9th Int.Worksh.on Glasses, Ceramics, Hybrids & Nanocomposites from Gels*, SHEFFIELD, Engl., UK,  
1997.08 31 –.09 05
185. **W. STRĘK**, **K. MARUSZEWSKI**, **P. DEREŃ**, **B. NISSEN-SOBOCIŃSKA**, G.E.Malashkevich,  
E.N.Poddenezhny,  
**Spectroscopic Properties of Erbium-Doped Silica Glasses Obtained by Sol–Gel Method.** (P)  
*3rd Int.Conf.on f-Elements*, PARIS, FR, 1997.09 14–18

186. **W. STRĘK, B. NISSEN, E. ŁUKOWIAK, J. WRZYSZCZ, M. ZAWADZKI**, P.P.Pershukevich,  
**Preparation and Emission Spectra of Eu(III) in Nanostructured Alumina.** (P)  
*4th Int.Sch.on Excited States of Transition Elements*, DUSZNIKI-Zdrój, PL, 1997.09 06–12
187. **W. STRĘK**, H.Podbielska,  
**Zastosowanie anty-STOKESowskiej luminescencji do zabezpieczenia papierów wartościowych.**  
[Application of Anti-STOKES Luminescence to Protection of Securities.] (C)  
*I Konf.nt. Techniczno-Kryminalistycznych Badań Autentyczności Dokumentów Publicznych [Conf.on Forensic Investigation of Authenticity of Documents]* KIEKRZ (Poznań) PL, 1997.11 27–28
188. **W. STRĘK**, J.Sokolnicki, J.Legendziewicz, **K. MARUSZEWSKI**, R.Reisfeld, T.Pavich,  
**Optical Properties of Eu(III) Chelates Trapped in Silica Gel Glasses.** (P)  
*1st Spanish-Israeli Worksh.on Solid State Lasers*, EIN GEDI, IL, 1997.12 14–16
189. N.Stüber, **Z. ŻOŁNIEREK†**, X.Hu,  
**Magnetic Neutron Powder Diffraction on Some  $UCu_{2-x}Ga_{2+y}$  Ternaries of the ThCr<sub>2</sub>Si<sub>2</sub>-Type Structure.** (P)  
*14th Int.Conf.on Magnetism*, CAIRNS, Qld, AU, 1997.07 27 –.08 01
190. **Cz. SUŁKOWSKI, Z. BUKOWSKI, D. WŁOSEWICZ, T. PLACKOWSKI**,  
**Anomalne właściwości transportowe i nadprzewodzące ceramik  $REBa_2Cu_3O_{7-\delta}$  utlenianych pod wysokim ciśnieniem.** [Anomalous Transport and Superconducting Properties of  $REBa_2Cu_3O_{7-\delta}$  Ceramics Oxygenated under High Pressure.] (P)  
*VII Kraj.Symp.: „Nadprzewodnictwo Wysokotemperaturowe” [7th Natl Symp.on High Temperature Superconductivity]* MIEDZYDROJE, PL, 1997.09 01–03
191. **W. SUSKI**,  
**Magnetism of Uranium and Its Compounds.** (I)  
*3rd Gen.Conf.of the Balkan Physical Union*, CLUJ-NAPOCA, RO, 1997.09 02–05
192. **W. SUSKI**,  
**Some Remarks about Magnetism of Selected Uranium and Rare Earth Intermetallics.** (I)  
*3rd Joint Korean-Polish Semin.on Physical Properties of Magnetic Materials*, CRACOW, PL, 1997.08 26–28
193. **W. SUSKI**,  
**Experimental Evidence of the Uranium Contribution to Magnetism of the d-f Intermetallics.** (I)  
*Jubil.Symp.Nauk. Fizyka Fazy Skondensowanej [Semin.on Condensed Phase Physics]* KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
194. **W. SUSKI, K. WOCHOWSKI, D. BADURSKI**, A.Gilewski, T.Mydlarz,  
**Structure, Magnetic and Electrical Properties of the  $UMn_{4-x}FeAl_8$  System.** (P)  
*27èmes Journées des Actinides*, DIJON, FR, 1997.04 26–29
195. **W. SUSKI, K. WOCHOWSKI, D. BADURSKI**, A.Gilewski, T.Mydlarz,  
**Structure, Magnetic and Electrical Properties of  $UMn_{4-x}T_xAl_8$  Alloys with  $T = Fe$  and Cu.** (P)  
*Int.Conf. Actinides '97*, BADEN-BADEN, DE, 1997.09 21–26
196. **M. SUSZYŃSKA, P.Grau, M. SZMIDA, D. NOWAK-WOŹNY**,  
**Correlated Studies of VICKERS Hardness and the Yield Stress of NaCl Crystals Doped with Divalent Nickel, Calcium and Europium.** (C)  
*11th Int.Conf.on the Strength of Materials*, PRAGUE, CZ, 1997.08 25–29
197. **A. SZMYRKA-GRZEBYK**,  
**Solid Oxygen Phase Transitions as Thermometric Fixed Points.** (P)  
*2nd Int.Conf.on Cryocrystals and Quantum Crystals*, POLANICA-Zdrój, PL, 1997.09 07–12

198. **A. SZMYRKA-GRZEBYK**,  
**Realizacja w Polsce Międzynarodowej Skali Temperatury z 1990 w zakresie niskich temperatur.** [Realization in Poland of the International Temperature Scale of 1990 in Low Temperature Range.] (L)  
*III Szk.-Konf.: Metrologia Wspomagana Komputerowo*, ZEGRZE, PL, 1997.05 19–22
199. A.Szytuła, S.Baran, J.Leciejewicz, M.Ślaski, N.Stüßer, **A. ZYGMUNT**, V.Ivanov,  
**KONDO Insulators.** (C)  
*Jubil.Symp.Nauk. Fizyka Fazy Skondensowanej [Semin.on Condensed Phase Physics]* KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
200. **P. TEKIEL**,  
**Thermal Creep and Macroscopic Excitations in Superconductors.** (P)  
*VII Kraj.Symp.: ,Nadprzewodnictwo Wysokotemperaturowe' [7th Natl Symp.on High Temperature Superconductivity]* MIĘDZYZDROJE, PL, 1997.09 01–03
201. **V.H. TRAN**,  
**Magnetic Ordering in UAuGe.** (P)  
*BENSC [Berlin Neutron Scattering Centre] Users' Meet.*, BERLIN, DE, 1997.11 07
202. **V.H. TRAN**,  
**Neutronograficzne badania międzymetalicznych związków uranu.** [Neutron Investigation of Intermetallic Uranium Compounds.] (C)  
*Og-pol.Semin. Rozpraszania Neutronów, [Natl Semin.on Neutron Scattering]*, CHLEWISKA (Siedlce) PL, 1997.11 26–28
203. **V.H. TRAN**, G.André, F.Bourée, **R. TROĆ**, H.Noël,  
**Neutron Diffraction and ac-Susceptibility Studies of the URu<sub>1-x</sub>Pd<sub>x</sub>Ga System.** (P)  
*Int.Conf. Actinides '97*, BADEN-BADEN, DE, 1997.09 21–26
204. **V.H. TRAN**, **R. TROĆ**, G.André,  
**Magnetic Ordering in URhSi and URhGe.** (P)  
*27èmes Journées des Actinides*, DIJON, FR, 1997.04 26–29
205. **V.H. TRAN**, **R. TROĆ**, H.Noël,  
**Magnetic Properties of the UCo<sub>1-x</sub>Ni<sub>x</sub>Al System.** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
206. **R. TROĆ**,  
**Magnetic Phase Transitions in the UTM Systems, where T is a 3d-Transition Metal, and M is a p-Metal.** (I)  
*Jubil.Symp.Nauk. Fizyka Fazy Skondensowanej [Semin.on Condensed Phase Physics]* KATOWICE & USTROŃ-JASZOWIEC, PL, 1997.05 15–18
207. **R. TROĆ**, **R. ANDRUSZKIEWICZ**, B.Andraka, R.Pietri,  
**Effect of Th-Substitution in a New Dense-KONDO Compound UCu<sub>5</sub>Al.** (P)  
*14th Int.Conf.on Magnetism*, CAIRNS, Qld, AU, 1997.07 27 –08 01
208. **R. TROĆ**, **D. KACZOROWSKI**, **T. CICHOREK**, B.Andraka, R.Pietri, Yu.D.Seropgin, A.V.Gribanov,  
**A Unique Metallic System Ce<sub>3</sub>Pt<sub>23</sub>Ge<sub>11</sub>.** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
209. **S. TROJANOWSKI**, **M. KAZIMIERSKI**,  
**PELTIER-Element-Cooled Thermostat for the Water Triple-Point Realization.** (P)  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK-Zdrój, PL, 1997.09 23–25

210. **S. TROJANOWSKI, M. KAZIMIERSKI,**  
**PELTIER-Element-Cooled Block for the Thermometer Calibration in the Temperature Range 220–275 K.** (P)  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK-Zdrój, PL, 1997.09 23–25
211. **S. TROJANOWSKI, M. KAZIMIERSKI,**  
**Theory and Calculation of Temperature Regulators for Cryogenics Systems.** (C)  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK-Zdrój, PL, 1997.09 23–25
212. **S. TROJANOWSKI, M. KAZIMIERSKI,**  
**Multi-Channel Temperature Controllers for PELTIER Elements.** (C)  
*Int.Semin.on Low Temperature Thermometry and Dynamic Temperature Measurement*, WROCŁAW & ŁĄDEK-Zdrój, PL, 1997.09 23–25
213. A.Ulatowska, **K. MARUSZEWSKI**, H.Podbielska, **W. STREK**,  
**Optical Properties of a Photosensitizer Entrapped in Sol–Gel Glass.** (P)  
*3rd Int.Conf.on Optical and Imaging Techniques for Biomonitoring*, SAN REMO, IT, 1997.09 04–08
214. **J. ULNER, J. SZNAJD,**  
**JAHN–TELLER Phase Transition in  $J = 1$  Tetragonal Paramagnetic Insulator.** (P)  
*22nd Semin.of the Middle-European Co-operation in Statistical Physics*, SZKŁARSKA POREBA, PL, 1997.04 03–05
215. J.Waliszewski, L.Dobrzyński, K.Rećko, M.Biernacka, K.Perzyńska, D.Satuła, K.Szymański, **W. SUSKI, K. WOCHOWSKI**, G.André, F.Bourée,  
**Struktura magnetyczna związków U–Fe–Al o strukturze ThMn<sub>12</sub>.** [Magnetic Structure of U–Fe–Al Compounds of ThMn<sub>12</sub>-Type Structure.] (P)  
*I Warszawsko–Krakowskie Semin. Neutronograficzne [Warsaw–Cracow Neutronography Semin.]*, CRACOW, Poland, 1997.01 07–08
216. **A. WAŚKOWSKA**, Z.Czapla,  
**New Feroelectric/Ferroelastic Materials.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
217. **P. WIŚNIEWSKI**, A.Gukasov, **Z. HENKIE, A. WOJAKOWSKI, T. CICHOREK**,  
**Nieporządek w sieci anionowej UAsSe.** [Disorder of the Anion Lattice of UAsSe.] (L)  
*Og–pol.Semin. Rozpraszania Neutronów, [Natl Semin.on Neutron Scattering]*, CHLEWISKA (Siedlce) PL, 1997.11 26–28
218. **J.J. WNUK, R. HORYŃ, J. KLAMUT**,  
**Electrical and Magnetic Properties of  $(La_{1-x}A_x)_{2/3}Ca_{1/3}MnO_3$ .** (P)  
*VII Kraj.Symp.: „Nadprzewodnictwo Wysokotemperaturowe” [7th Natl Symp.on High Temperature Superconductivity]* MIĘDZYZDROJE, PL, 1997.09 01–03
219. **K. WOCHOWSKI**,  
**Magnetic Properties of UCu<sub>4-x</sub>Mn<sub>x</sub>Al<sub>8</sub> Alloys.** (P)  
*27èmes Journées des Actinides*, DIJON, FR, 1997.04 26–29
220. **A. WOJAKOWSKI, R. HORYŃ, O.Peña, F.LeBerre**,  
**Crystallochemical Nature of the LaMo<sub>6</sub>Se<sub>8</sub> Superconductor.** (P)  
*12th Int.Conf.on Solid Compounds of Transition Elements*, SAINT-MALO, FR, 1997.04 22–25
221. **M. Wołczyrz, M. ANDRUSZKIEWICZ**,  
**WINREKS – A Computer Program for the Reciprocal Lattice Reconstruction from a Set of Electron Diffractograms.** [Taken with the Electron Microscope Equipped with Rotation Goniometer Holder]. (P)  
*26th Int.Sch.of Crystallography Electron Crystallography (NATO Advanced Study Institute and a Euroconf.) ERICE (Sicily) IT*, 1997.05 22–06 02

222. M. WOŁCYRZ, L. KĘPIŃSKI,  
**Krystalografia elektronowa — krótka historia i stan aktualny.** [Electron Crystallography — Past and Present.] (L)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
223. M. WOŁCYRZ, L. KĘPIŃSKI, R. HORYŃ,  
**Studies of the Long-Range Ordering in  $\alpha$ -,  $\beta$ -, and  $\gamma$ -Phases of the  $\text{La}_x\text{Sr}_{3-x}\text{BiO}_{5.5-y}$  Solid Solution: Electron Crystallography.** (P)  
*17th Conf.on Applied Crystallography,* WISŁA-JAWORNIK, PL, 1997.08 31 –09 04
224. M. WOŁCYRZ, L. KĘPIŃSKI, R. HORYŃ,  
**Electron Microscopy and X-ray Powder Diffraction Studies of the Long-Range Ordering in  $\alpha$ -,  $\beta$ -, and  $\gamma$ -Phases of the  $\text{La}_x\text{Sr}_{3-x}\text{BiO}_{5.5-y}$  Solid Solution.** (P)  
*17th Eur. Crystallographic Meet.* LISBON, PT, 1997.08 24–28
225. M. WOŁCYRZ, L. KĘPIŃSKI, R. HORYŃ,  
**Electron Microscopy and X-ray Powder Diffraction Studies of the Long-Range Ordering in  $\alpha$ ,  $\beta$  and  $\gamma$  Phases of  $\text{BiLa}_x\text{Sr}_{3-x}\text{O}_{5.5-y}$ .** (C)  
*26th Int.Sch.of Crystallography Electron Crystallography (NATO Advanced Study Institute and a Euroconf.)* ERICE (Sicily) IT, 1997.05 22 –06 02
226. M. WOŁCYRZ, L. KĘPIŃSKI, R. HORYŃ,  
**Studies of the Long-Range Ordering in  $\alpha$ ,  $\beta$  and  $\gamma$  Phases of the  $\text{La}_x\text{Sr}_{3-x}\text{BiO}_{5.5-y}$  Solid Solution.** (P)  
*26th Int.Sch.of Crystallography Electron Crystallography (NATO Advanced Study Institute and a Euroconf.)* ERICE (Sicily) IT, 1997.05 22 –06 02
227. M. WOŁCYRZ, L. KĘPIŃSKI, R. HORYŃ,  
**Electron Microscopy and X-Ray Powder Diffraction Studies of the Long-Range Ordering in  $\alpha$ ,  $\beta$ , and  $\gamma$  Phases of the  $\text{La}_x\text{Sr}_{3-x}\text{BiO}_{5.5-y}$  Solid Solution.** (P)  
*XXXIX Konwers. Krystalograficzne [39th Polish Crystallographic Meet.]* WROCŁAW, PL, 1997.06 25–28
228. P. WRÓBEL,  
**Unconventional Pairing in the Cuprate Superconductors.** (L)  
*VII Kraj.Symp.: „Nadprzewodnictwo Wysokotemperaturowe” [7th Natl Symp.on High Temperature Superconductivity]* MIEDZYZDROJE, PL, 1997.09 01–03
229. J. WRZYSZCZ, M. ZAWADZKI, H. GRABOWSKA, R. KLIMKIEWICZ,  
**Przemiany pierwszorzędowych alkoholi alifatycznych wobec katalizatora  $\text{Ru}/\text{Fe}_2\text{O}_3$ .** [Conversions of Primary Aliphatic Alcohols over Ru/Fe<sub>2</sub>O<sub>3</sub> Catalyst.] (P)  
*II Kongres Technologii Chemicznej [2nd Congr.on Chemical Technology],* WROCŁAW, PL, 1997.09 15–18
230. J. WRZYSZCZ, M. ZAWADZKI, H. GRABOWSKA, R. KLIMKIEWICZ,  
**Aktywność katalizatora rutenowego osadzonego na tlenku żelaza w reakcjach odwodorzenia i kondensacji pierwszorzędowych alkoholi alifatycznych.** [Activity of Ru-Catalyst Supported on Iron Oxide in the Reactions of Dehydrogenation and Condensation of Aliphatic Alcohols.] (P)  
*XL Zjazd PTChem. i SITPCHEM. [40th Congr.of Pol.Chem.Soc.& Assoc.Eng.& Techn.of Chem.Industry]* GDAŃSK, PL, 1997.09 22–26
231. A.M.Yaremko, H. RATAJCZAK,  
**Effects of Strong Coupling of the Lattice Phonons with High Frequency Excitations of Solids: Problems of H-Bond Vibrations and High- $T_c$  Superconductivity of Crystals.** (I)  
*4th Natl Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL, 1997.09 28 –10 01
232. A.J. ZALESKI, J. KLAMUT,  
**Penetration Depth in Magnetically Oriented Ceramic, Ni- and Zn-Doped  $\text{La}_{1-x}\text{Sr}_x\text{CuO}_4$ .** (P)  
*[5th] Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors V,* BEIJING, CN, 1997.02 28 –03 04

233. R.G.Zhbakov, L.K.Prihodchenko, T.E.Kolosova, V.M.Andrianov, M.V.Korolevich, **H. RATAJCZAK**,  
**M. MARCHEWKA**,  
**Vibrational Spectroscopy and X-ray Analysis of Selectively Substituted Monosaccharides.** (I)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL,  
1997.09 28 –10 01
234. **O.J. ŻOGAŁ**, M.Ilczyszyn, D.Waltoś,  
**Solid-State  $^{31}\text{P}$  NMR of Glycinium Phosphite.** (P)  
*4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.)* WROCŁAW & POLANICA-Zdrój, PL,  
1997.09 28 –10 01
235. **O.J. ŻOGAŁ**, **R. LEMAŃSKI**,  
**O zwężeniu linii rezonansowej spowodowanym błędzeniem przypadkowym spinów jądrowych.** [On Resonance Line Narrowing Caused by Random Movement of Nuclear Spins.] (P)  
*XXIX Og.-pol.Semin.nt. Magnetycznego Rezonansu Jądrowego i jego zastosowań [29th Polish Semin.on NMR and Its Applications]* CRACOW, PL, 1997.12 01–03
236. **O.J. ŻOGAŁ**, **B. NOWAK**, P.Herzig, W.Wolf,  
**Analiza oddziaływań nadsubtelnych jąder  $^1\text{H}$  i  $^{89}\text{Y}$  w dwuwodorku itru.** [Analysis of Hyperfine Interactions of  $^1\text{H}$  and  $^{89}\text{Y}$  Nuclei in Yttrium Dihydride.] (P)  
*XXIX Og.-pol.Semin.nt. Magnetycznego Rezonansu Jądrowego i jego zastosowań [29th Polish Semin.on NMR and Its Applications]* CRACOW, PL, 1997.12 01–03
237. **A. ZYGMUNT**,  
**Magnetometric Determination of the Higher Critical Field  $H_{c2J}$  and the JOSEPHSON Current Density  $J_{cJ}$  of the Weak Links in the Granular  $\text{YBa}_2\text{Cu}_3\text{O}_{6.82}$  Superconductor.** (C)  
*VII Kraj.Symp.: „Nadprzewodnictwo Wysokotemperaturowe” [7th Natl Symp.on High Temperature Superconductivity]* MIĘDZYZDROJE, PL, 1997.09 01–03