Instytut Niskich Temperatur
i Badań Strukturalnych PAN

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LISTA PUBLIKACJI 2015
LIST of PUBLICATIONS

KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE
Books, Monographs & Reviews

1. A.Boiko, **D. Hreniak**, **A.Łukowiak**, **E. Łukowiak**, E.Poddeneżny, **W. Stręk**,
Optyczne Materiały Zol–Żelowe. [Optical Sol–Gel Materials.]
(Wrocław: INTiBS PAN 2015) ?? pp. [in Polish]. ISBN 978-83-939559-3-0

2. **M. Marchewka**,
New Acid–Base Crystalline Complexes with Second Harmonic Generation: Structural and vibrational (infrared spectroscopic and Raman spectroscopic) characterisation of NLO materials.
(Warsaw?: Wydawnictwo Bezkresy Wiedzy 2015) 96 pp. ISBN 978-3-639-89148-5

ARTYKUŁY W CZASOPISMACH NAUKOWYCH
Articles in Scientific Journals

3. A.Adach, **M. Daszkiewicz**, B.Barszcz,
Experimental and Theoretical Studies on the Structure and Spectroscopic Properties of *N*-Scorpionate Complexes Obtained from Metallic Cobalt in a One Pot Synthesis.
Polyhedron **95** (2015) 60–68. [DOI]

4. A.Adach, **M. Daszkiewicz**, M.Tyszka-Czochara, B.Barszcz,
New Oxovanadium(IV) Complexes with Pincer Ligand Obtained *in situ*: Experimental and Theoretical Studies on the Structure, Spectroscopic Properties and Antitumour Activity.
RSC Adv. **5**$_{104}$ (2015) 85 470–79. [DOI]

5. G.Anbalagan, **M.K. Marchewka**, **K. Pawlus**, N.Kanagathara,
Crystal Structure and Vibrational Spectra of Melaminium Arsenate.
J. Mol. Struct. **1079** (2015) 407–13. [DOI]

6. A.J.Antończak, Ł.Skowroński, M.Trzciński, **V.V. Kinzhybalo**, Ł.K.Łazarek, K.M.Abramski,
Laser-Induced Oxidation of Titanium Substrate: Analysis of the Physicochemical Structure of the Surface and Sub-Surface Layers.
Appl. Surf. Sci. **325** (2015) 217–26. [DOI]

7. **V. Apinyan**, **T.K. Kopeć**,
Probing Phase Coherence *via* Density of States for Strongly Correlated Excitons.
J. Low Temp. Phys. **178**$_{5/6}$ (2015) 295–330. [DOI]

8. **V. Apinyan**, **T.K. Kopeć**,
Phase Coherence and Spectral Functions in the Two-Dimensional Excitonic Systems.
Physica B **473** (2015) 75–92. [DOI]

9. **V. Apinyan**, **T.K. Kopeć**,
Excitonic Gap Formation in Neutral Bilayer Structures.
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10. S.Araki, M.Hayashida, N.Nishiumi, H.Manabe, Y.Ikeda, T.C.Kobayashi, K.Murata, Y.Inada, **P. Wiśniewski**, D.Aoki, Y.Ōnuki, E.Yamamoto, Y.Haga,

    Pressure–Temperature–Field Phase Diagram in the Ferromagnet U_3P_4.

    J. Phys. Soc. Jpn. **84** (2015) 02 4705 (8). [DOI]

11. V.Arjunan, R.Anitha, **M.K. Marchewka**, S.Mohan, HaiFeng Yang,

    Conformational, Structural, Vibrational, Electronic and Quantum Chemical Investigations of *cis*-2-Methoxycinnamic Acid.

    J. Mol. Struct. **1080** (2015) 122–36. [DOI]

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    Structural and Vibrational Spectral Investigations of Melaminium Glutarate Monohydrate by FTIR, FT-Raman and DFT Methods.

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    Structure Activity Studies of an Analgesic Drug Tapentadol Hydrochloride by Spectroscopic and Quantum Chemical Methods.

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14. **J. Baran**, N.A.Davydova, **M. Drozd**,

    Discovery of a New Polymorphic Phase of *ortho*-Bromobenzophenone.

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15. **K. Baranowska**, **J. Okal**,

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    Appl. Catal. A **499** (2015) 158–67. [DOI]

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    Magnetic Properties and Structure of Amorphous $Fe_{74}Hf_4Ta_1Cu_1Gd_1La_xSi_{15-x}B_4$ (x = 0, 7) Ribbons.

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17. A.K.Bashir, M.B. Tchoula Tchokonté, D.Britz, B.M. Sondezi, A.M.Strydom, **D. Kaczorowski**,

    Electrical and Thermal Transport Properties of the Alloy System $(Ce_{1-x}La_x)Cu_4In$.

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18. **O. Bednarchuk**, **A.Gągor**, **D. Kaczorowski**,

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19. **O. Bednarchuk**, **D. Kaczorowski**,

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21. **A.Bednarkiewicz**, **P.J. Dereń**, **K. Lemański**,

    Anomalous Decays in Nd^{3+}-Doped $LaAlO_3$ Single Crystal.

    J. Phys. Chem. Solids **85** (2015) 102–5. [DOI]

22. **Ł.Bochenek**, **K. Rogacki**, A.Kołodziejczyk, **T. Cichorek**,

d-Band Metal Y_9Co_7 Revisited: Evidence for Local Coexistence of Superconductivity and Itinerant Ferromagnetism.

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23. B.Boulard, T.T.T. Van, **A.Łukowiak**, A.Bouajaj, R.R.Gonçalves, A.Chiappini, A.Chiasera, W.Blanc, A.Duran, S.Turrell, F.Prudenzano, F.Scotognella, R.Ramponi, M.Marciniak, G.C.Righini, M.Ferrari,

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26. T.Cetner, A.Morawski, D.Gajda, W.Häßler, M.Rindfleisch, M.Tomsic, **A.Zaleski**, T.Czujko, E.Żuchowska, P.Przysłupski,

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33. **A.Ciupa**, **M. Mączka**, **A.Gągor**, **A.Pikul**, E.Kucharska, **J. Hanuza**, A.Sieradzki,

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Europium and Potassium Co-doped Strontium Metaborate Singlecrystals Grown by the Czochralski Method. (C)

5th Eur.Conf.on Crystal Growth (ECCG-5) Bologna, IT, 2015.09 09–11

62. **P. Głuchowski**, **K. Oganisian**, **W. Stręk**,

Impact of the Crystal Size on the Upconversion Properties of $Lu_2O_3 : Er^{3+}, Yb^{3+}$ Powders. (?)

4th Int.Conf.on Rare Earth Materials (REMAT'15) Ślęza & Wrocław, PL, 2015.10 26–28

63. J.I.Gnatyuk, T.Gavrilko, O.Yaroshchuk, N.Holovina, N.Lysenko, **J. Baran**, **M. Drozd**,

Infrared Spectroscopic and DSC Studies of Hydrogen-Bonded Liquid Crystals in Confined Volume: 4-Hexylbenzoic and 4-Bytylcyclohexane Carboxylic Acids in AlMCM-41 Mesoporous Molecular Sieves. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09–13

64. J.I.Gnatyuk, T.A.Gavrilko, O.V.Yaroshchuk, N.A.Holovina, N.Lysenko, **J. Baran**, **M. Drozd**,

Specific Properties of Liquid Crystals with Hydrogen Bonds in Confined Volume. (P)

XXII Galyna Puchkovska *Int.Sch.-Semin.on Spectroscopy of Molecules & Crystals,* Chynadiyovo (Zakarpattia) UA, 2015.09 28 –.10 03

65. **D. Gnida**, **M. Szlawska**, **D. Kaczorowski**,

Non-Fermi Liquid Behavior in Disordered Kondo Systems $Ce_2Co_{0.8}Si_{3.2}$ and $Ce_2Rh_{0.4}Co_{0.4}Si_{3.2}$. (P)

20th Int.Conf.on Magnetism (ICM'15) Barcelona, ES, 2015.07 05–10

66. **D. Gnida**, **M. Szlawska**, **P. Swatek**, **P. Wiśniewski**, **D. Kaczorowski**,

Quantum Interference Phenomena Due to Disorder in the U_2TSi_3 Compounds with AlB_2 Type Structure. (C)

45èmes Journées des Actinides (JdA-45) Průhonice-(Prague), CZ, 2015.04 15–19

67. **B. Grygiel**,

Optical Conductivity of Ultra-Cold Bosons in Optical Lattices. (P)

Synthetic Quantum Magnetism Worksh. (SYQMA '15) Dresden, DE, 2015.08 31 –.09 04

68. **B. Grygiel**, **K. Patucha**, **T.A.Zaleski**,

Optical Conductivity of Ultra-cold Bosons in Optical Lattices. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

69. **K. Grzeszkiewicz**, **Ł.Marciniak**, **D. Hreniak**,

VIS to NIR Down Conversion in $Y_2Si_2O_7 : Pr^{3+}, Yb^{3+}$. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

70. Yu.I.Horak, R.Z.Lytvyn, A.R.Vakhula, **V. Kinzhybalo**, T.Lis, M.D.Obushak,

Synthesis and Crystal Structure Analysis of 2-Amino-7,7-dimethyl-5-oxo-4-(5-arylfuran-2-yl) -5,6,7,8-tetrahydro-4*H*-chromene-3-carbonitriles. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

71. **D. Hreniak**, **Ł.Marciniak**, **R. Tomala**, **M. Stefański**, **W. Stręk**,

Spectroscopic Properties of Sr_2CeO_4 Nanocrystals Co-Doped with Rare-Earth Ions. (I)

4th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2015) Budva, ME, 2015.08 31 –.09 04

72. S.Hull, M.Karpiński, J.Trawczyński, **M. Zawadzki**,

Mieszany tlenek $ZnAl_2O_4$ jako nośnik katalizatorów palladowych. [???] (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

73. **J. Janczak**, **R. Kubiak**,

Reactivity of the $HoPc_2I$ in the Acetylacetone–Water System. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

74. **J. Janczak**, **R. Kubiak**,

Hafnium(IV) **Phthalocyanines.** (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

75. A.K.Jasek, K.Komędera, A.Błachowski, K.Ruebenbauer, J.Żukrowski, **Z. Bukowski**, A.Krztoń-Maziopa,

Magnetic Spiral Order in Iron Pnictides FeAs and FeSb. (P)

Cracow Colloq.on f-Electron Systems (CCfES '15) Cracow, PL, 2015.06 24–27

76. **A.Jeżowski**, **P. Stachowiak**, **R. Lisiecki**, **W. Ryba-Romanowski**,

Effect of the Temperature on Optical Properties and Thermal Conductivity of the Vanadate Crystals Doped with Erbium and Thulium. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

77. **J. Juraszek**, **Z. Henkie**, **T. Cichorek**,

Superconducting Properties of the Filled Skutterudite Compound $LaOs_4As_{12}$. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

78. **D. Kaczorowski**,

Superconductivity in Weakly-Correlated Non-Centrosymmetric Compounds. (I)

Cracow Colloq.on f-Electron Systems (CCfES '15) Cracow, PL, 2015.06 24–27

79. **D. Kaczorowski**, **D. Gnida**, A.Tursina, E.Khamitcaeva, A.Gribanov,

Novel Kondo Lattices $CePd_3Al_3$ and $CePd_4Al_4$. (P)

20th Int.Conf.on Magnetism (ICM '15) Barcelona, ES, 2015.07 05–10

80. J.Karpinski, S.Katrych, **K. Rogacki**, A.Pisoni, R.Gaal, N.D.Zhigadlo, L.Forro,

$Ln_4Fe_2As_2Te_{1-x}O_4$ (Ln = Pr, Sm, Gd) : Superconducting Properties and Structure. (I)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

81. D.Kasprowicz, M.Straszewski, K.Jaroszewski, **P. Głuchowski**, M.Chrunik, A.Majchrowski,

μ-Raman Investigations and Up-conversion Emission of Nano-crystalline KGW Powders Doped with RE Ions. (C)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

82. A.Kołodziejczyk, **K. Rogacki**, **Ł.Bochenek**, **T. Cichorek**, B.Wiendlocha, J.Toboła, S.Kaprzyk, R.Zalecki,

First Superconducting Itinerant Ferromagnet Y9Co7. (L)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

83. **J. Komar**, **P. Solarz**, **A.Jeżowski**, M.Głowacki, M.Berkowski, **W. Ryba-Romanowski**,

Investigation of Intrinsic and Extrinsic Defects in Solid Solution $Gd_3(Al,Ga)_5O_{12}$ Crystals Grown by the Czochralski Method. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

84. K.Komędera, **L.M. Tran**, A.K.Jasek, A.Błachowski, K.Ruebenbauer, J.Żukrowski, **Z. Bukowski**, **A.J. Zaleski**,

^{57}Fe and ^{151}Eu Mössbauer Spectroscopy of $(Eu_{0.72}Ca_{0.28})(Fe_{1.64}Co_{0.36})As_2$ Iron-Based Superconductor. (P)

Cracow Colloq.on f-Electron Systems (CCfES '15) Cracow, PL, 2015.06 24–27

85. **D. Komornicka**, **M. Wołcyrz**, **A.Pietraszko**, W.Sikora, A.Majchrowski,

Modal Disorder. Case of $RbNbWO_6$. (C)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

86. **D. Komornicka**, **M. Wołcyrz**, **A.Pietraszko**, W.Sikora, A.Majchrowski,

Short-Range Order in Cubic $RbNbWO_6$ and Phase Transition to Tetragonal Phase. Interpretation of X-ray Diffuse Scattering Using Group Theory Approach. (I)

29th Eur. Crystallographic Meet. (ECM-29) Rovinj, HR, 2015.08 23–28

87. **G. Kontrym-Sznajd**,

Utilization of Symmetry in Solid State Physics. (I)

42nd Polish Semin.on Positron Annihilation (PSPA '15) Lublin, PL, 2015.06 29 –.07 01

88. **T.K. Kopeć**,

Bose Condensation in Systems with p-Particle Tunneling and Multi-Body Interactions. (P)

Int.Semin. & Worksh.on Quantum Design (QDES '15) Dresden, DE, 2015.07 13–17

89. **T.K. Kopeć**,

Phase-Locking Transition of Josephson-Coupled → Bose–Einstein Condensates in Wood-Pile Geometry. (P)

Synthetic Quantum Magnetism Worksh. (SYQMA '15) Dresden, DE, 2015.08 31 –.09 04

90. **K. Kowalska**, A.Hilczer, **V. Kinzhybalo**, **A.Pietraszko**, B.Andrzejewski,

Structure and Magnetic Properties of Neodymium-Doped Strontium M-Hexaferrites Obtained by Coprecipitation Method. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

91. E.Kucharska, I.Bryndal, W.Sąsiadek, J. Lorenc, **J. Hanuza**,

Conformation of the Hydrazo Bond in 4,4′-Dimethyl-3,3′,5,5′-Tetranitro-2,2-Hydrazobipyridine: Structure, Vibrational Studies and DFT Calculations. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09Ů13

92. A.G.Kuchin, S.P.Platonov, **W. Iwasieczko**,

Non-Monotonic Variation of Magnetocaloric Effect in the $Tm_2(Fe,Mn)_{17}$andTm_2Fe_{16}–Tm_2Fe_{19} Systems. (P)

Int.Conf.on Phase Transitions, Critical & Nonlinear Phenomena in Condensed Matter, Chelyabinsk, RU, 2015.08 24–28

93. J.Kwaśniewska, J.Tokar, **A.Gągor**, A.Gorzaś, M.Duczmal, A.Wojciechowska,

Unikalny kompleks 3,5-dijodo-L-tyrozyny z jonami miedzi(II) – **właściwości strukturalne, termiczne, spektroskopowe i magnetyczne.** [???.] (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

94. P.Ławniczak, K.Pogorzelec-Glaser, M.Śmiłowicz, **A.Pietraszko**,

Nowe przewodniki protonowe na bazie kwasu szczawiowego. [???.] (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

95. **K. Ledwa**, **L.Kępiński**,

Dyspersja i stabilność nanocząstek CeO_2 na powierzchni γ-Al_2O_3 modyfikowanej związkami organicznymi. [???] (P)

XLVII Og.-pol. Kolokwium Katalityczne [47th Polish Ann.Conf.on Catalysis] Cracow, PL, 2015.03 15–17

96. **K. Lemański**, **M. Babij**, **P.J. Dereń**,

Luminescent Properties of GdZnPO Polycrystals Doped with Nd^{3+} Ions. (C)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

97. **K. Lemański**, **M. Babij**, **P.J. Dereń**,

Spectroscopic Properties of YZnPO Polycrystals Doped with Nd^{3+} Ions. (C)

4th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2015) Budva, ME, 2015.08 31 –.09 04

98. **K. Lemański**, **M. Babij**, **M. Ptak**, **Z. Bukowski**, **P.J. Dereń**,

Comparison of the Nd^{3+} Spectroscopic Properties in MZnPO (M : La, Gd, Y) Polycrystal Hosts. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

99. **R. Lemański**,

Przewodnictwo elektryczne w fazach uporządkowanych ładunkowo. [Electrical Conductance in Charge-Density-Wave Phases.] (C)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

100. **K. Lenczewska**, G.Boulon, **D. Hreniak**,

The Study of Energy Transfers in $GdVO_4 : Eu^{3+}, Bi^{3+}$ Nanocrystals Depending on Their Temperature and Size. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

101. **K. Lenczewska**, **D. Hreniak**,

Energy Transfer in $GdVO_4 : Bi^{3+}, Yb^{3+}$ Near-Infrared Down-conversion Phosphor. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

102. **H. Lochmajer**, **M. Matusiak**, G.Urbanik, P.Przysłupski, **K. Rogacki**,

Superconductivity and Ferromagnetism in $La_{0.67}Sr_{0.33}MnO_3$ / $YBa_2Cu_3O_7$ Nanoheterostructures. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

103. **A.Los**, B.Dabrowski, K. Rogacki,

Increase of Critical Currents and Peak Effect in Mo-Substituted Y123 Single Crystals. (P)

11th Int.Conf.on Materials & Mechanisms of Superconductivity (M^2S 2015) Geneva, CH, 2015.08 23–28

104. **A.Los**, B.Dabrowski, **K. Rogacki**,

Critical Currents Anisotropy and Pinning Mechanism in $YBa_2Cu_{2.97}Mo_{0.03}O_x$ Single Crystals. (C)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

105. **T.J. Lukianova**, **V. Kinzhybalo**, **A.Pietraszko**,

New Organically Templated Metal Sulfates with 2-Aminopyridinium. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

106. **A.Łukowiak**, B.Borak, J.Krzak, B.Babiarczuk, **W. Stręk**,

Luminescent Spherical Particles of Bioactive SiO_2–CaO Glass. (L)

4th Int.Conf.on Rare Earth Materials (REMAT'15) Ślęza & Wrocław, PL, 2015.10 26–28

107. M.Łysień, **M. Kurnatowska**,

Synteza, struktura i stabilność termiczna nanokrystalicznego mieszanego tlenku $Ce_{1-x}Co_xO_{2-y}$. [???.] (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

108. **M. Mączka**, **A.Ciupa**, **M. Ptak**,

Raman and IR Studies of Niccolite Metal Formate Frameworks $[(CH_3)_2NH_2][Fe^{III}M^{II}(HCOO)_6]$ (M = Fe, Mg, Zn, Ni, Cu). (P)

8th Int.Conf.on Advanced Vibrational Spectroscopy (ICAVS-8) Vienna, AT, 2015.07 12–17

109. **E. Maievskyi**, **M. Ciszek**,

The Effect of Magnetic History on AC Loss Minimum in BSCCO-2223 Composite Tape. (C)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

110. O.Malinkiewicz, M.Woźniak, **M. Dusza**, A.Chuchmała, F.Granek,

Digital Ink-Jet Printing of the Perovskite Films for Flexible Modules. (P)

Int.Conf.on Hybrid and Organic Photovoltaics (HOPV2015) Rome, IT, 2015.05 10–13

111. **M.K. Marchewka**,

Stimulated Raman Scattering of Dyes in Scattering Cover. (C)

XXII Galyna Puchkovska *Int.Sch.-Semin.on Spectroscopy of Molecules & Crystals,* Chynadiyovo (Zakarpattia) UA, 2015.09 28 –.10 03

112. **Ł.Marciniak**, **R. Tomala**, **M. Stefański**, **D. Hreniak**, **W. Stręk**,

Broad Band Anti-Stokes White Emission from $LiYbF_4$ Nanocrystals. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09Ů13

113. **M. Matusiak**, Th.Wolf,

Violation of the Wiedemann–Franz Law as an Evidence of the Pseudogap in the Iron-Based Superconductor $Ba(Fe_{1-x}Co_x)_2As_2$. (P)

11th Int.Conf.on Materials & Mechanisms of Superconductivity (M^2S 2015) Geneva, CH, 2015.08 23–28

114. **O. Mendiuk**, **L.Kępiński**,

Dependence of Structure and Morphology of $Ce_{1-x}Ln_xO_{2-y}$ on Type and Amount of Dopant. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

115. J.Michalski, I.Bryndal, J.Lorenc, **J. Janczak**, **J. Hanuza**,

Conformation of the Azo Bond and Its Influence on the Molecular and Crystal Structure, IR and Raman Spectra and Electron Properties of 6-Methyl-3,5-Dinitro-2-[(E)-Phenyldiazenyl] Pyridine – Quantum Chemical DFT Calculations. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09Ů13

116. N.Miniajluk, J.Trawczyński, **M. Zawadzki**,

Synthesis and Characterization of Mesoporous Perovskites. (P)

XLVII Og.-pol. Kolokwium Katalityczne [47th Polish Ann.Conf.on Catalysis] Cracow, PL, 2015.03 16–18

117. N.Miniajluk, J.Trawczyński, **M. Zawadzki**,

Synthesis and Characterization of Mesoporous Silica SBA-15. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

118. **M. Misiak**, **A.Bednarkiewicz**,

The Impact of Surface Protection and Potassium Doping on the Up-conversion Luminescence Properties of Yb^{3+} and Tm^{3+} Co-doped α-$NaYF_4$ Nanocrystals. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

119. C.Moussa, Z.El-Sayah, **G. Chajewski**, V.Dorcet, **A.P. Pikul**, M.Pasturel, O.Tougait, B.Stepnik,

Experimental Investigation on the Ternary U–Al–Ge System and Study of the Ternary Intermetallic Phase $U_3Al_{2-x}Ge_{3+x}$ ($-0.3 \leqslant x \leqslant 1.3$). (C)

45èmes Journées des Actinides (JdA-45) Průhonice-(Prague), CZ, 2015.04 15–19

120. F.M.Muntyanu, A.Gilewski, V.Chistol, **K. Rogacki**,

Peculiarity of High-Field Galvanomagnetic Effects in Bicrystals of Bi and Its Alloys with Sb. (P)

3th Int.Conf.on Nanotechnologies and Biomedical Engineering (ICNBME-2015) Chişinău (Kiszyniów), MD, 2015.09 23–26

121. A.Niemiec, **Z. Bukowski**,

Synteza, otrzymywanie monokryształów i zbadanie właściwości nadprzewodzącego $CaFe_2As_2$ domieszkowanego rutenem. [???.] (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

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

Spectroscopy of the Er-Doped Borate Glasses. (C)

4th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2015) Budva, ME, 2015.08 31 –.09 04

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

Spectroscopy of the Er-Doped Borate Glasses. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

124. **K. Patucha**,

Role of Bandwidths and Energy Gap in Formation of Ground State of Ultra-Cold Bosons in Artificial Magnetic Fields. (P)

Synthetic Quantum Magnetism Worksh. (SYQMA '15) Dresden, DE, 2015.08 31 –.09 04

125. **K. Patucha**, **B. Grygiel**, **T.A.Zaleski**,

Role of Bandwidth and Energy Gap in Formation of Ground State of Bosons in Artificial Magnetic Fields. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

126. **O. Pavlosiuk**, **D. Kaczorowski**, **P. Wiśniewski**,

Shubnikov – de Haas Oscillations in the Antiferromagnetic Superconductor HoPdBi. (P)

20th Int.Conf.on Magnetism (ICM '15) Barcelona, ES, 2015.07 05–10

127. **O. Pavlosiuk, D. Kaczorowski, P. Wiśniewski,**

Putative Topological Superconductors LuPdBi, LuPtBi and YPtBi : Electronic and Thermodynamic Properties. (C)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

128. **O. Pavlosiuk, D. Kaczorowski, P. Wiśniewski,**

Magnetic and Transport Properties of Topologically Nontrivial Half-Heusler Phases RPdBi (R = Ho, Dy, Gd). (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

129. **K. Pawlus, M. Marchewka,**

Polarized Vibrational Spectra and DFT Studies of *bis*(2-Aminopyridinium) Fumarate – Fumaric Acid (1:1). (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09–13

130. A.Pelczarska, **A. Watras**, P.Godlewska, **L. Macalik, M. Ptak**, I.Szczygieł, **J. Hanuza,**

Structural and Optical Studies of Eu^{3+}-Doped $K_2SrP_2O_7$ Diphosphate. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

131. **A.P. Pikul, G. Chajewski, P. Wiśniewski, M. Samsel-Czekała, D. Kaczorowski,**

Superconductivity in YPt_2Si_2. (P)

20th Int.Conf.on Magnetism (ICM '15) Barcelona, ES, 2015.07 05–10

132. **A.P. Pikul, G. Chajewski, P. Wiśniewski, M. Samsel-Czekała, D. Kaczorowski,**

Superconductivity in YPt_2Si_2. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

133. **A. Pikul**, T.Klimczuk, J.-C.Griveau, E.Colineau, **D. Kaczorowski,**

Crystal Structure and Physical Properties of Np_2PdIn_8 and Pu_2PdIn_8. (C)

45èmes Journées des Actinides (JdA-45) Průhonice-(Prague), CZ, 2015.04 15–19

134. A.Pilch, M.Keiser, D.Wawrzyńczyk, **M. Kurnatowska**, K.Prorok, Ch.Würth, M.Samoć, **W. Stręk**, U.Resch-Genger, **A. Bednarkiewicz,**

The Impact of Active-Core@Active-Shell Architecture on Luminescent Properties of Yb^{3+} and Ho^{3+} Co-doped Up-converting α-$NaYF_4$ Colloidal Nanoparticles. (I)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

135. A.Pilch, T.Valta, K.Prorok, D.Wawrzyńczyk, T.Soukka, **A. Bednarkiewicz,**

The Influence of Core–Shell Nanoparticles Chemical Architecture on the Efficiency of FRET Based Bioassays. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

136. **Z. Piotrowska, M. Babij, A.J. Zaleski,**

Synthesis and Magnetic Properties of the GaN Nanoceramics Doped with Transition Metals. (P)

Cracow Colloq.on f-Electron Systems (CCfES '15) Cracow, PL, 2015.06 24–27

137. W.A.Pisarski, J.Pisarska, **R. Lisiecki, W. Ryba-Romanowski,**

Influence of Temperature on Up-conversion Luminescence Spectra of Er^{3+} Ions in Glasses Based on PbO–Ga_2O_3–XO_2 (X = Ge, Si). (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

138. W.A.Pisarski, J.Pisarska, **R. Lisiecki**, **W. Ryba-Romanowski**,

Erbium-Doped Lead Silicate Glasses for Up-conversion Luminescence Temperature Sensors. (P)

4th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2015) Budva, ME, 2015.08 31 –.09 04

139. W.A.Pisarski, J.Pisarska, **R. Lisiecki**, **W. Ryba-Romanowski**,

Up-conversion Luminescence of Er^{3+} and Er^{3+} / Yb^{3+} in Lead Germanate Glasses for Optical Temperature Sensor. (P)

9th Int.Conf.on f-Elements (ICfE 2015) Oxford, ENG, UK, 2015.09 06–09

140. W.A.Pisarski, J.Pisarska, **R. Lisiecki**, **W. Ryba-Romanowski**,

Erbium-Doped Lead Silicate Glasses for Up-conversion Luminescence Temperature Sensors. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

141. W.A.Pisarski, J.Pisarska, **R. Lisiecki**, **W. Ryba-Romanowski**,

Influence of Temperature on Up-conversion Luminescence Spectra of Er^{3+} Ions in Glasses Based on $PbO–Ga_2O_3–XO_2$ (X = Ge, Si). (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

142. D.Pogoda, **J. Janczak**, V.Videnova-Adrabińska,

Structural Properties of Sulfamethazine and Sulfathiazole Co-crystals. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

143. D.Pogoda, K.Kiełbus, **J. Janczak**, V.Videnova-Adrabińska,

Analiza oddziaływań międzycząsteczkowych w kokryształach sulfametazyny z kwasem chinaldynowym. [???] (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

144. K.Pogorzelec-Glaser, K.Nowicka, A.Mizera, S.Zięba, A.Łapiński, **A.Pietraszko**,

Badania strukturalne oraz spektroskpowe nowych przewodników protonowych. [???] (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

145. K.Pogorzelec-Glaser, **A.Pietraszko**, B.Hilczer,

Molecular Structure and Proton Conductivity of Imidazole–Malonic Acid Salt. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

146. K.Prorok, **A.Bednarkiewicz**, **W. Stręk**,

Effect of Mn^{2+} Ions on the Enhancement Up-conversion Emission of Mn^{2+} / Tb^{3+} / Yb^{3+} Doped $NaYF_4$ Core / Shell Nanocrystals. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

147. **B. Przybył**, **J. Janczak**,

Monoaksjalne krystaliczne kompleksy ftalocyjaniny cynku. [???] (C)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

148. G.Puchkovska†, N.Danchuk, A.Kravchuk, **J. Baran**, **M. Drozd**,

Synergetic Effects at the Temperature Phase Transitions in Long-Chain Aliphatic Condensed Compounds. (P)

XXII Galyna Puchkovska *Int.Sch.-Semin.on Spectroscopy of Molecules & Crystals,* Chynadiyovo (Zakarpattia) UA, 2015.09 28 –.10 03

149. **K. Rogacki**, **M. Matusiak**, **H. Lochmajer**, G.Urbanik, P.Przysłupski,

Interaction between Ferromagnetism and Superconductivity in Nano-sized Heterostructures. (C)

4th Int.Conf.on Multifunctional, Hybrid- and Nano-materials, Sitges (Barcelona), ES, 2015.03 09–13

150. P.Ropuszyńska-Robak, **L.Macalik**, **P.E. Tomaszewski**, L.Dymińska, J.Lorenc, **J. Hanuza**,

The Thermal Behavior of Li/ Na/ KY$(WO_4)_2$ Nanocrystalline Powders Co-doped with Er^{3+} and Tm^{3+} Ions. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09–13

151. **A.Rubaszek**,

Understanding of the Electron–Positron Momentum Densities in Solids : Effect of the Positron Distribution. (C)

42nd Polish Semin.on Positron Annihilation (PSPA '15) Lublin, PL, 2015.06 29 –.07 01

152. **A.Rudenko**, **Z. Henkie**, **T. Cichorek**,

AC Susceptibility Evidence for a Tricritical Point in the Ferromagnet $NdOs_4As_{12}$. (P)

20th Int.Conf.on Magnetism (ICM '15) Barcelona, ES, 2015.07 05–10

153. **W. Ryba-Romanowski**,

Spontaneous and Stimulated Visible Emission in Crystals Doped with Trivalent Samarium or Dysprosium. (I)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

154. **W. Ryba-Romanowski**, **J. Komar**, **P. Solarz**, **A.Jeżowski**, M.Głowacki, M.Berkowski,

Czochralski Growth and Characterization of Rare Earth-Doped $Gd_3(Al, Ga)_5O_{12}$ Crystals. (P)

5th Eur.Conf.on Crystal Growth (ECCG-5) Bologna, IT, 2015.09 09–11

155. **M. Sahakyan**, **V.H. Tran**,

Electronic Band Structure Calculation and Physical Properties of the Non-centrosymmetric Superconductor Th_7Co_3. (P)

Cracow Colloq.on f-Electron Systems (CCfES '15) Cracow, PL, 2015.06 24–27

156. **M. Sahakyan**, **V.H. Tran**,

Electronic Structure and Physical Properties of Non-centrosymmetric Superconductor Th_7Co_3. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

157. **M. Samsel-Czekała**,

Electronic Structure, Magnetism and Superconductivity in Strained or Doped Iron Chalcogenides. (I)

11th Int.Conf.on Materials & Mechanisms of Superconductivity (M^2S 2015) Geneva, CH, 2015.08 23–28

158. S.D.Silva Santos, W.Paraguassu, **M. Mączka**, P.T.C.Freire,

First Order Pressure-Induced Amorphization in $Sm_2Mo_4O_{15}$ System. (P)

8th Int.Conf.on Advanced Vibrational Spectroscopy (ICAVS-8) Vienna, AT, 2015.07 12–17

159. W.Sąsiadek, I.Bryndal, J.Lorenc, J.Cieplik, M.Stolarczyk, **J. Hanuza**,

Crystal Structure, Conformation and Vibrational Characteristics of Diethyl 4, 4′-Disulfanediylbis(6-methyl-2-phenylpyrimidine-5-carboxylate) — New Pharmaceutical Cure. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

160. W.Sąsiadek, J.Lorenc, **J. Hanuza**, I.Maliszewska,

Molecular Structures, Vibrational Studies and Quantum Chemical Calculations for 3(or 4)-Methyl-2-(Methylsulfanyl)-3-(or 5)-Nitropyridine. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09–13

161. V.Shymanovska, L.Kernazhitsky, T.Gavrilko, V.Naumov, L.Fedorenko, V.Kshnyakin, **J. Baran**,

Surface Doping Effect on Absorption and Luminescence of TiO_2. (P)

XXII Galyna Puchkovska *Int.Sch.-Semin.on Spectroscopy of Molecules & Crystals,* Chynadiyovo (Zakarpattia) UA, 2015.09 28 –.10 03

162. A.Sieradzki, S.Pawlus, J.Trzmiel, **A.Ciupa**, M.Paluch, **M. Mączka**,

Dielectric Properties of Phase Transitions in Some Metal Formate Frameworks. (C)

13th Eur.Meet.on Ferroelectricity (EMF-13) Porto, PT, 2015.06 28 –.07 03

163. Yu.Slyvka, **V. Kinzhybalo**, B.Ardan, T.Lis, M.Mys'kiv,

Structural Features of CuX ($X = NO_3^-, C_6H_5SO_3^-, \frac{1}{2}SiF_6^{2-}$) π-Complexes with 2-Amino-5-allylthio-1,3,4-thiadiazole. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

164. **P. Sobierajska**, **Ł.Marciniak**, **R. Pązik**, K.Marycz, **R.J. Wiglusz**,

Effect of Lithium on the Structure and Optical Properties of Nanocrystalline Hydroxyapatite Doped with Eu^{3+} Ion. (C)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

165. **P. Solarz**,

Energy Transfer Processes to Eu^{3+} Ions in $K_5Li_2GdF_{10}$ Doped with Eu^{3+}, Pr^{3+}, Tb^{3+} and Dy^{3+} upon VUV Excitation. (P)

XI Kraj.Symp. Użytkowników Promieniowania Synchrotronowego [11th Natl.(Polish) Semin. of Synchrotron Radiation Users] (KSUPS) Chorzów, PL, 2015.09 01–04

166. **P. Solarz**, M.Głowacki, **W. Ryba-Romanowski**, **J. Komar**, M.Berkowski,

Spectroscopy of Tm^{2+} in SrB_4O_7 Compound. (P)

9th Int.Conf.on f-Elements (ICfE 2015) Oxford, ENG, UK, 2015.09 06–09

167. **P. Solarz**, **R. Lisiecki**, **W. Ryba-Romanowski**,

On Energy Transfer in $K_5Li_2GdF_{10}$: Eu, Tb, Dy. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

168. M.Sopicka-Lizer, T.Pawlik, D.Michalik, **R. Lisiecki**,

On Preparation and Characterization of Ca$-\alpha-$Sialon : Eu^{2+} Phosphors. (I)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

169. M.Sopicka-Lizer, T.Pawlik, D.Michalik, **R. Lisiecki**,

On Preparation and Characterization of Ca–Sialon : Eu^{2+} Phosphors. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

170. P.Starowicz, R.Kurleto, J.Goraus, H.Schwab, **M. Szlawska**, F.Forster, A.Szytuła, I.Vobornik, **D. Kaczorowski**, F.Reinert,

Momentum Dependence of a Kondo Resonance in $Ce_2Co_{0.8}Si_{3.2}$. (C)

Cracow Colloq.on f-Electron Systems (CCfES '15) Cracow, PL, 2015.06 24–27

171. **D. Stefańska**, **M. Stefański**, **P.J. Dereń**,

Green Emission from New Phosphor $Mg_{0.5}Ca_2Si_{1.5}AlO_7 : Eu^{2+}$. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

172. **M. Stefański**, **Ł.Marciniak**, **D. Hreniak**, **W. Stręk**,

Influence of Grain Size on Spectroscopic Properties of Sr_2CeO_4 Nanocrystals. (P)

17th Int. Krutyń Summ.Sch. 2015, Krutyń, PL, 2015.06 14–20

173. **M. Stefański**, **Ł.Marciniak**, **D. Hreniak**, **W. Stręk**,

The Impact of Size Effect on Optical Properties of Sr_2CeO_4 Nanocrystals. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

174. **M. Stefański**, **Ł.Marciniak**, **D. Hreniak**, **W. Stręk**,

Size Dependence of Optical Properties of Eu^{3+} : Sr_2CeO_4 Nanocrystals. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09Ů13

175. **M. Stefański**, **Ł.Marciniak**, **R. Tomala**, **D. Hreniak**, **W. Stręk**,

White Emission from Eu^{3+} : Sr_2CeO_4 Nanocrystals. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

176. **W. Stręk**,

Anti-Stokes Broadband White Emission from Rare Earth Compounds. (L)

17th Int. Krutyń Summ.Sch. 2015, Krutyń, PL, 2015.06 14–20

177. **W. Stręk**,

Size Effect in Luminescent Properties of Rare Earth Doped Phosphors. (L)

17th Int. Krutyń Summ.Sch. 2015, Krutyń, PL, 2015.06 14–20

178. **W. Stręk**, **B. Cichy**, Ł.Radosiński, **P. Głuchowski**, **Ł.Marciniak**, **D. Hreniak**,

Laser-Induced White-Light Emission from Graphene Ceramics. (L)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09–13

179. **W. Stręk**, **B. Cichy**, Ł.Radosiński, **P. Głuchowski**, **Ł.Marciniak**, **M. Łukaszewicz**, A.Olejniczak, **D. Hreniak**,

Laser-Induced White-Light Emission from Graphene Ceramics. (C)

4th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2015) Budva, ME, 2015.08 31 –.09 04

180. **W. Stręk**, **Ł.Marciniak**, **R. Tomala**, **M. Stefański**, **D. Hreniak**,

Broadband Anti-Stokes White Emission from Sr_2CeO_4 Nanocrystals. (I)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

181. **A.Strzęp**, **W. Ryba-Romanowski**,

Investigation of Energy Transfer Processes in Sb-Rich Glasses Doped with Lanthanide Ions. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

182. **P. Swatek**, **D. Kaczorowski**,

Interplay between Electronic and Magnetic Degrees of Freedom in UT_2Zn_{20} (T = Fe, Ru, Os, Co, Rh, Ir). (C) O: o-57

45èmes Journées des Actinides (JdA-45) Průhonice-(Prague), CZ, 2015.04 15–19

183. **P. Swatek**, M.Kleinert, **D. Kaczorowski**,

Electronic Properties of UT_2Al_{20} (T = d-Electron Element) Compounds. (P)

45èmes Journées des Actinides (JdA-45) Průhonice-(Prague), CZ, 2015.04 15–19

184. A.Szewczyk, T.Zajarniuk, M.U.Gutowska, **P. Wiśniewski**, **D. Kaczorowski**, M.I.Pashchenko, V.A.Bedarev, S.L.Gnatchenko, L.N.Bezmaternykh, V.L.Temerov, A.A.Prokhorov, L.F.Chernysh,

Czy magnetyczne przejście fazowe w aluminoboranach ma charakter przemiany kwantowej ? [???] (I)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

185. **D. Szewczyk**, **J. Mucha**, **P. Stachowiak**, P.Vanderbemden,

Thermal Properties of Ti-Doped Cu–Zn Soft Ferrites. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl(Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

186. D.Sztolberg, **P.J. Dereń**, B.Brzostowski,

Spectroscopic Properties of $LaAlO_3$ Nanopowders Doped with Tm^{3+} Ions. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM'15) Gdańsk, PL, 2015.07 19–24

187. J.Szydełko, **M. Drozd**,

A Phase Transition Investigation in NLO Compound : Guanidinium 4–Nitrobenzoate. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09–13

188. **K. Szymborska-Małek**, **M. Mączka**, A.Majchrowski, **M. Ptak**, **P. Tomaszewski**,

Raman and IR Studies of Non-centrosymmetric $BaHf(BO_3)_2$ and $La_2CaB_{10}O_{19}$ Crystals. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09–13

189. H.Tanak, **J. Janczak**, **M.K. Marchewka**, **K. Pawlus**,

Crystal Structure, Vibrational Spectra and DFT Modelling Studies of Melaminium *N*-Acetylglycinate Dihydrate. (P)

57. Konwers. Krystalograficzne [57th Polish Crystallographic Meet.] Wrocław, PL, 2015.06 25–26

190. H.Tanak, **J. Janczak**, **M.K. Marchewka**, **K. Pawlus**,

Crystal Structure, Vibrational Spectra, and DFT Modelling Studies of Melaminium *N*-Acetylglycinate Dehydrate. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09–13

191. H.Tanak, **J. Janczak**, **M.K. Marchewka**, **K. Pawlus**,

Crystal Structure, Vibrational Spectra and DFT Modeling Studies of Melaminium *N*-Acetylglycinate Dihydrate. (C)

XXII Galyna Puchkovska *Int.Sch.-Semin.on Spectroscopy of Molecules & Crystals (ISSSMC-22)* Chynadiyovo (Zakarpattia) UA, 2015.09 28 –.10 03

192. I.Tereshina, G.Burkhanov, E.Tereshina, G.Politova, V.Chzhan, O.Chistyakov, N.Kolchugina, **H. Drulis**, M.Paukov, L.Havela,

Magnetocaloric Properties of Purified Gd : Assessing Structural and Impurity Aspects. (P)

20th Int.Conf.on Magnetism (ICM'15) Barcelona, ES, 2015.07 05–10

193. **R. Tomala**, **Ł.Marciniak**, **D. Hreniak**, **W. Stręk**,

Broadband White Emission of α-$Y_2Si_2O_7$. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM'15) Gdańsk, PL, 2015.07 19–24

194. **R. Tomala**, **Ł.Marciniak**, **D. Hreniak**, **W. Stręk**,

Infrared Laser-Induced White Emission of $Yb_2Si_2O_7$ Nanocrystals. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09Ů13

195. **R. Tomala**, **Ł.Marciniak**, **D. Hreniak**, **W. Stręk**,

Infrared Laser-Induced White-Light Emission of $Nd_2Si_2O_7$. (P)

4th Int.Conf.on Rare Earth Materials (REMAT'15) Ślęza & Wrocław, PL, 2015.10 26–28

196. **R. Tomala**, **W. Stręk**, J.Legendziewicz, **Yu.Gerasymchuk**, M.Guzik,

Synthesis, Optical Properties and White Lighting of ZnSe : Yb. (P)

13th Int.Conf.on Molecular Spectroscopy, Wrocław, PL, 2015.09 09Ů13

197. **L.M. Tran**, A.Cusson, A.Goukasov, A.Błachowski, K.Ruebenbauer, J.Żukrowski, K.Komędera, **Z. Bukowski**, **V.H. Tran**, **A.J. Zaleski**,

Influence of the Canted Antiferromagnetic Structure on the Orbital Pair Breaking Effect in Ca- and Co-Doped $EuFe_2As_2$ Compounds. (P)

11th Int.Conf.on Materials & Mechanisms of Superconductivity (M^2S 2015) Geneva, CH, 2015.08 23–28

198. **L.M. Tran**, A.Cusson, A.Gukasov, K.Komędera, A.Błachowski, K.Ruebenbauer, J.Żukrowski, **Z. Bukowski**, **V.H. Tran**, **A.J. Zaleski**,

Influence of Eu^{2+} Magnetic Moment Order on Superconductivity in $Eu_{0.73}Ca_{0.27}(Fe_{0.87}Co_{0.13})_2As_2$ and $Eu(Fe_{0.81}Co_{0.19})_2As_2$. (C)

Cracow Colloq.on f-Electron Systems (CCfES '15) Cracow, PL, 2015.06 24–27

199. **L.M. Tran**, S.Denholme, M.Fujioka, **P. Wiśniewski**, **Z. Bukowski**, Y.Takano, **A.J. Zaleski**,

Hydrostatic Pressure Enhanced Superconductivity in $Eu(Fe_{0.81}Co_{0.19})As_2$. (C)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

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

The Coexistence of Superconductivity and Charge Density Wave in $LaCu_{1-x}Ag_xSb_2$. (C)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

201. **V.H. Tran**, T.Q.H.Nguyen, **W. Stręk**,

Low-Temperature Physical Properties of Nano TiO_2 and Ag-Doped TiO_2. (I)

2nd Int.Symp.on Frontiers in Materials Science (FMS 2015) Tokyo, JP, 2015.11 19–21

202. **V.M. Travin**, **T.Z. Kopeć**,

Phase Transitions of Bosons in Optical Lattices with a Mixture of Single and Pair Hoppings. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

203. **W. Walerczyk**, **P. Dereń**,

Low Temperature Synthesis and Luminescent Properties of Ba–SiAlON. (C)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

204. **W. Walerczyk**, **P.J. Dereń**,

Ammonia Assisted Synthesis and Luminescent Properties of Pure Phase Ba-SiAlON. (P)

4th Int.Conf.on Rare Earth Materials (REMAT '15) Ślęza & Wrocław, PL, 2015.10 26–28

205. **W. Walerczyk**, **D. Stefańska**, **B. Bondzior**, **P.J. Dereń**,

Ammonia Assisted Synthesis and Luminescent Properties of Pure Phase Ba–SiAlON. (P)

2nd Int.Worksh.on Luminescent Materials 2015 (LumiMat '15) Kyoto, JP, 2015.12 12–13

206. **A. Watras**, T.Navel, **R. Pązik**, **P. Dereń**, Ph.Boutinaud,

Structural and Spectroscopic Properties of $Ca_{9-x}Sr_xKMg(PO_4)_7 : Eu^{2+}$ Ions. (P)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

207. **A. Watras**, **R. Pązik**, **P. Dereń**,

The Influence of Alkali Earth Ion on Spectroscopic Properties of $Ca_9ZMg(PO_4)_7 : Eu^{2+}$, where $Z = Li, Na, K$. (C)

5th Int.Worksh.on Advanced Spectroscopy & Optical Materials (IWASOM '15) Gdańsk, PL, 2015.07 19–24

208. **A.Watras**, **R. Pązik**, **P. Dereń**,

The Influence of Alkali Metal Ion on Luminescence Properties of $Ca_9ZMg(PO_4)_7 : Eu^{2+}$, ($Z$ = Li, Na, K). (P)

4th Int.Conf.on Rare Earth Materials (REMAT'15) Ślęza & Wrocław, PL, 2015.10 26–28

209. D.Wawrzyńczyk, U.Bazylińska, **B. Cichy**, **A.Bednarkiewicz**, M.Samoć, K.A.Wilk,

Encapsulation of Up-converting $NaYF_4$ Nanocrystals in Multifunctional Polymeric Nanocontainers. (C)

4th Int.Conf.on the Physics of Optical Materials & Devices (ICOM2015) Budva, ME, 2015.08 31 –.09 04

210. M.Węcławik, **A.Gągor**, R.Jakubas, A.Piecha-Bisiorek,

Infrared Spectroscopy Studies of Two Imidazolium Derivatives: $(C_3N_2H_5)_3Bi_2I_9$ and $(C_3N_2H_5)_3Sb_2I_9$. (P)

13th Eur.Meet.on Ferroelectricity (EMF-13) Porto, PT, 2015.06 28 –.07 03

211. M.J.Winiarski, E.Colineau, J.-C.Griveau, **K. Wochowski**, **P. Wiśniewski**, T.Klimczuk,

Synthesis and Physical Properties of $A_{0.8}V_2Al_{20}$ (A = Th, Np, Pu) Ternary Actinide Aluminides. (C)

45èmes Journées des Actinides (JdA-45) Průhonice-(Prague), CZ, 2015.04 15–19

212. **M.J. Winiarski**, **M. Samsel-Czekała**, A.Ciechan,

Strain Effects on Electronic Structure of $Fe_{0.75}Ru_{0.25}Te$. (P)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

213. M.J.Winiarski, B.Wiendlocha, **P. Wiśniewski**, **D. Kaczorowski**, T.Klimczuk,

Superconductivity in (Sc, Y, Lu)V_2Al_{20} Cage Compounds – An Experimental and Theoretical Study. (C)

XVII Kraj.Konf. Nadprzewodnictwa. [17th Natl (Polish) Conf.on Superconductivity] (KKN-17) Karpacz, PL, 2015.10 25–30

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