

1. **Abu Ghazal**, Surin V.I., Bokuchava G.D., Papushkin I.V. (Jordan Atomic Energy Commission, Amman, Jordan). Tracking martensitic transformation in AISI 321 stainless steel using scanning contact potentiometry and thermal neutron diffraction.
2. Azarova L.A., **Kopitsa G.P.**, Gorshkova Yu.E., Lermontov S.A., Malkova A. N., Volkov V.V., Baranchikov A.E. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Novel resorcinol-formaldehyde aerogels: synthesis, structure and fractal properties.
3. **Cornei N.**, Craus M.-L., Mita C. (University of Iasi, Faculty of Chemistry, Iasi, Romania). Spin-glass state influence on the low temperature transport phenomena in $\text{La}_{0.54}\text{Nd}_{0.11}\text{Sr}_{0.35}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ manganites.
4. **Fedoseev M.L.**, Petrov S.N., Mikhailov M.S., Islamov A.Kh., Drozdova N.F. (NRC "Kurchatov institute" – CRISM "Prometey", St. Petersburg). Research of structural transformation mechanism in high strength steel.
5. **Genov I.G.**, Rutkauskas A.V., Lukin E.V., Kozlenko D.P., Kichanov S.E., Raykova G.S., Vladikova D.E., Belozeroва N.M., Turchenko V.A., Popov E.P., Krezhov K.A. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Structural characterization of yttrium doped barium cerate $\text{BaCe}_{0.85}\text{Y}_{0.15}\text{O}_{3-\alpha}$ for application in solid oxide fuel cells.
6. **Ilinov D.V.**, Shabrin A.D., Sadilov V.V. (Orion R&P Association JSC, Moscow, Russia). Structural analysis of the ingaas/gaas heterostructures by high-resolution reciprocal space mapping and neutron scattering.
7. **Kalanda N.**, Yarmolich M., Petrov A., Bobrikov I., Demyanov S., Sobolev N. (Scientific-Practical Materials Research Centre of NAS of Belarus, Minsk, Belarus). Oxygen non-stoichiometry and superstructural ordering of Fe/Mo cations in the strontium ferromolybdate.
8. Kalanda N., Yarmolich M., **Petrov A.**, Kutuzau M., Blokhin, A., Tamulevicius S., Bobrikov I. (Scientific-Practical Materials Research Centre of NAS of Belarus, Minsk, Belarus). Thermodynamic, structural and magnetic characteristics of barium ferromolybdate compound.
9. **Krezhov K.**, Harizanova R., Lukin E., Beskrovny A., Popov E., Kozlenko D., Kichanov S., Mirzaev M. (Institute of Electronics and Institute for Nuclear Research and Nuclear Energy, Bulgarian Academy of Science). Barium titanate from multicomponent glass doped with iron oxide – low-temperature phase transitions of barium titanate.
10. **Lebedev V.T.**, Kulvelis Yu.V., Vul A.Ya, Kyzyma O.A., Tropin T.V. (Petersburg Nuclear Physics Institute -NRC KI, Gatchina, Russia). Ordering nanodiamonds in aqueous systems with active molecular additives.
11. Lychagina T., Nikolayev D., Dragolici C., **Balasoiu M.**, Sekretarev Z., Lizunov N., Ionascu L., Nicu M., Dragolici F. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Neutron diffraction study of low pH cement-based materials used for aluminum radioactive waste conditioning: aging effects.

12. **Nabiyev A.A.**, Pawlukojc A., Islamov A.Kh., Soloviov D.V., Ivankov O.I., Ivanshina O.Yu., Kuklin A.I. (ANAS Institute of Radiation Problems, Baku, Azerbaijan/Joint Institute for Nuclear Research, Dubna, Russia). Fractal aggregate structure of HDPE/SiO₂ polymer nanocomposite films.
13. Racolta D., **Balasoiu M.**, Andronache C., Mihaly-Cosmuta L., Mata C., Belozeroва N., Rogachev A., Orelovich O., Turchenko V., Balasoiu-Gaina A.-M., Sikolenko V. (Technical University of Cluj Napoca, North University Center of Baia Mare, Romania). Effects of iron and vanadium ions on lithium-phosphate glasses: morfological, structural and spectroscopic properties.
14. **Shahee A.**, Singh K., Suard E., Lalla N. P., Simon C. (UGC-DAE Consortium for Scientific Research, Indore, India). Room temperature charge orbital ordering and associated low-temperature spin ordering in SrMn_{0.85}Mo_{0.15}O₃ probed by neutron diffraction.
15. **Sikolenko V.V.**, Karpinsky D.V., Silibin M.V., Zhaludkevich D.V., Chobot A.N., Khomchenko V.A., Bobrikov I.A. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Neutron diffraction studies of Ca/Ti doped Bi ferrites: HRFD results.
16. **Steigmann R.**, Savin A., Novy F., Craus M.L., Turchenko V. (National Institute of R&D for Technical Physics, Iasi, Romania). Influence of rare earth in magnesium calcium alloy used for medical implants.
17. **Thao L.T.P.**, Kozlenko D.P., Kichanov S.E., Rutkaukas A.V., Dang N.T., Khiem L.H. (University of Danang - University of Science and Education, Danang, Viet Nam). Complex behavior of BaYFeO₄ under magnetic fields.
18. **Tsvigun N.V.**, Golovkina D.A., Zhurishkina E.V., Yapyrintsev A.D., Sokolov A.E., Kulminskaya A.A., Ivanova L.A., Baranchikov A.E., Gorshkova Yu.E., Volkov V.V., Kopitsa G.P. (FSRC "Crystallography and Photonics" RAS, Moscow, Russia). Mesostructure of calcium carbonate, obtained in the process of biomineralization.
19. **Yerdauletov M.** (Dubna State University, Russia). Effect of carbon additives on the structure of electrodes for high energy density Li-ion batteries by small-angle neutron scattering.
20. **Kulvelis Yu.V.**, Lebedev V.T., Shvidchenko A.V., Yudina E.B., Vul A.Ya., Yevlampieva N.P., Gelfond M.L. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Nanodiamond-poly(vinylpyrrolidone) complex as promising drug carrier and the agent enhancing photodynamic therapy.
57. **Erhan R.V.**, Rada S., Suci M., Macavei S., Dehelean A., Bodnarchuk V. (Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering, Bucharest-Magurele, Romania). Manganese oxide doped lead-germanate glasses: Raman, EPR and SANS studies.
85. **Craus M.-L.**, Mita C., Dobrea V., Cornei N. (Joint Institute for Nuclear Physics, Dubna, Russia / National Institute of Research & Development for Technical Physics, Iasi, Romania). Influence of low Pb concentration on the structure and transport phenomena of LaMnO₃ manganites.

Carbon-based materials

21. **Jargalan N.**, Tropin T.V., Avdeev M.V., Aksenov V.L., Sangaa D. (Institute of Physics and Technology, Mongolian Academy of Sciences, Ulaanbaatar,

- Mongolia). Dynamic light scattering investigations of the kinetics of cluster growth in fullerene C₆₀ solutions.
22. **Kulvelis Yu.V.**, Lebedev V.T., Kozlov V.S., Bogmut D.I., Vul A.Ya (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Small angle neutron scattering and gamma resonance spectroscopy for metal-nanocarbon characterization.
 23. **Kulvelis Yu.V.**, Rabchinskii M.K., Dideikin A.T., Shvidchenko A.V., Kirilenko D.A., Gudkov M.V. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Graphene-nanodiamond composites for biosensor and electronic applications.
 24. **Nagorna T.V.**, Chudoba D. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Specifics of fullerene C₆₀ and C₇₀ cluster formation in toluene /N-methyl-2-pyrrolidone solvent mixture.
 25. **Tomchuk O.V.**, Kosiachkin Ye.N., Krasnikov D.V., Ilatovskii D.A., Nasibulin, A.G. (Frank Laboratory of Neutron Physics. Joint Institute for Nuclear Research, Dubna, Russia). On the impact of capillary forces on the morphology of thin films of single-walled carbon nanotubes by specular reflectometry.
 26. **Tomchuk A.A.**, Avdeev M.V., Ivankov O.I., Shershakova N.N, Turetskii E.A., Andreev S.M. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Structural study of aqueous solutions of C₆₀ amino derivatives for biomedical applications.

Development of neutron scattering techniques and instruments

27. **Diachkov M.V.**, Altynbayev E.V., Trunov D.N., Marin V.N., Solovey V.A. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). SIPM and ZnS:Li₆ based neutron scintillation detector.
28. **Glushkova T.I.**, Krivshich A.G., Solovei V.A., Kolkhidashvili M.R. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Development of a two-dimensional thermal-neutron detector with an entrance window of 600 × 600 mm.
29. **Klepachka M.** (Joint Institute for Nuclear Research, Dubna, Russia). Monte-Carlo simulation of inelastic neutron scattering spectrometer.
30. **Koryttseva A.K.**, Tinakov A.N., Beskrovnyy A.I. (N.I.Lobachevsky State University of Nizhniy Novgorod, Nizhniy Novgorod, Russia). Reaction cell for *in situ* neutron diffraction studies.
31. **Kosiachkin Y.** (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Electrochemical cells for neutron reflectometry.
32. **Lukin E.V.**, Kozlenko D.P., Kichanov S.E, Rutkauskas A.V., Savenko B.N. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). High-pressure neutron diffractometer DN-6: current state.
33. **Pavlova A.E.**, Konik P.I. (Saint Petersburg State University, Saint Petersburg, Russia). Diffractometer monopoly on compact neutron source DARIA.
34. **Sadilov V.** (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). The influence of the delayed neutrons at the IBR-2 reactor on the instrumental resolution function.
35. **Sikolenko V.V.**, Müller B.I.R., Schilling F. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). EPSILON diffractometer: current status and perspectives.

36. **Soloviev A.G.**, Ivankov O.I., Rogachev A.V., Soloviev D.V., Kuklin A.I. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Program package "SAS": status and new features.
37. **Subbotina V.V.**, Kovalenko N. A., Konik P. I., Pavlov K. A., Grigoryev S. V., Voronin V. V. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Design improvements of target-moderator-reflector assembly of compact neutron source DARIA.
38. **Teymurov E.S.**, Nezvanov A.Yu., Lychagin E.V. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). MCNP simulation of the background neutron radiation in the 11b experimental room of the IBR-2 reactor.

Dynamics of materials

39. **Hetmańczyk J.**, Hetmańczyk Ł. (Jagiellonian University, Krakow, Poland). Water dynamics in $[\text{Cu}(\text{H}_2\text{O})_4](\text{ReO}_4)_2$ studied by IR, RS and neutron scattering methods.
40. **Józwiak K.**, Goremychkin E., Jezierska A., Panek J., A. Filarowski. (Wroclaw University, Poland). Proton dynamics in phthalic acid associates.

Magnetic nanomaterials

41. **Antropov N.O.**, Kravtsov E.A., Makarova M.V., Khaidukov Yu., Ustinov V.V. (Institute of Metal Physics, Ural Branch of the Russian Academy of Sciences, Ekaterinburg, Russia). Polarized neutron and x-ray study of FE/PD/GD multilayers.
42. **Astaf'eva S.**, Lysenko S., Balasoiu M., Yakusheva D., Kornilicina E., Kuklin A., Ivankov O., Soloviev D., Turchenko V., Balasoiu-Gaina A.-M. (Institute of Technical Chemistry, Perm Federal Research Center, Ural Branch, Russian Academy of Sciences, Perm, Russia). Small-angle neutron scattering investigation of several ferrofluids for magneto-optical applications.
43. **Yakunina E.M.**, Antropov N.O., Kravtsov E.A., Proglyado V.V. (Institute of Metal Physics, Ural Branch of the Russian Academy of Sciences, Ekaterinburg, Russia). Magnetic ordering in Fe/MgO/Cr/MgO/Fe heterostructures.
44. **Karpets M.**, Rajňák M., Paulovičová K., Parekh K., Upadhyay R. V., Gapon I., Kopčanský P., Timko M.. (Institute of Experimental Physics, Slovak Academy of Sciences, Kosice, Slovakia). Neutron reflectometry and dielectric spectroscopy study of transformer oil-based ferrofluids.
45. **Makarova M.V.**, Kravtsov E.A., Khaydukov Yu., Ustinov V.V. (Institute of Metal Physics, Ural Branch of the Russian Academy of Sciences, Ekaterinburg, Russia). Perpendicular magnetic anisotropy of layered heterostructure Dy/Co.
46. **Nikova E.S.**, Salamatov Yu. A., Kravtsov E. A., Ustinov V. V. (Institute of Metal Physics UB RAS, Russia, Ekaterinburg). Application of the GD reference layer approach for the study of magnetic metallic nanostructures.
47. Racuciu M., Barbu-Tudoran L., Morosanu C., Brinza F., **Creanga D.**, Balasoiu M. (Lucian Blaga University of Sibiu, Sibiu, Romania). Study on the granularity of magnetic nanoparticles in aqueous suspension: theoretical and experimental approach.

POSTER SESSION II (October 14, 2020)

Soft condensed matter (biological nanosystems, lipid membranes, polymers)

48. **Anghel L.L.**, Kuklin A.I., Bodnarchuk V.I., Erhan R.V. (Institute of Chemistry of Academy of Sciences of Moldova, Chisinau, Moldova). Pectin/beta-lactoglobulin interactions observed by small-angle scattering.
49. Anghel L., Kuklin A.I., Ivankov O., Bodnarchuk V.I., **Erhan R.** (Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering, Bucharest - Magurele, Romania). Structural study of the beta-lactoglobulin - beta-glucan system using small-angle neutron scattering.
50. **Avdeev M.M.**, Kosiachkin Ye.N., Artykulnyi O.P., Gorshkova Yu.E., Shibaev A.V., Philippova O.E. (Moscow State University, Moscow, Russia). Study of immobilization of polyacrylamide on oxidized silicon surface by X-ray reflectometry and atomic force microscopy.
51. **Bukhdruker S.S.**, Kavaleuski A., Ryzhykau Y.L., Varaksa T., Smolskaya S., Gilep A., Kuklin A.I., Strushkevich N., Borshchevskiy V.I. (Moscow Institute of Physics and Technology, Dolgoprudny, Russia). Crystallography and small-angle study of cytochrome P450 – redox partner electron-transfer complex.
52. **Bocharov E.V.**, Pavlov K.V., Lesovoy D.M., Bocharova O.V., Urban A.S., Bershatsky Y.V., Volynsky P.E., Efremov R.G., Arseniev A.S. (Moscow Institute of Physics and Technology, Dolgoprudny, Russia). Molecular mechanisms of bitopic protein functioning revealed by structural-dynamic studies of transmembrane domain interactions.
53. **Bondarev N.A.**, Okhrimenko I.S., Bazhenov S.V., Bulushova N.V., Kuklin A.I., Rizhikov Yu.L., Baranova, A.V. Manukhov I.V. (Moscow Institute of Physics and Technology, Dolgoprudny, Moscow Region, Russia). The physical and chemical characteristics of fused protein methionine γ -lyase from *Clostridium Sporogenes* and S-3 domain of growth factor from vaccinia virus.
54. **Gorshkova Yu.E.**, Barbinta-Patrascu M.E., Bokuchava G.D., Badea N., Ungureanu C., Lazea-Stoyanova A., Vlad A., Turchenko V.A., Zhigunov A., Juszyńska-Galazka E. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Biohybrid complexes with phyto-generated entities from nettle & grapes and their potential application in the biomedical field.
55. **Elnikova L.V.**, Ozerin A.N., Shevchenko V.G., Nedorezova P.M., Ponomarenko A. T., Skoi V.V., Kuklin A.I. (NRC “Kurchatov Institute” – Alikhanov Institute for Theoretical and Experimental Physics, Moscow, Russian Federation). Knotting of carbon nanotubes in isotactic polypropylene matrix due to the results of small-angle neutron scattering and lattice numerical modeling.
56. **Egorov V.V.**, Gorshkova Y.E., Zabrodskaya Y.A. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Model system for immunosuppressive peptides interaction study.
58. **Erhan S.E.**, Kuklin A.I., Erhan R.V., Knudsen K.D., Roşioru C.L. (INCDTIM National Institute of Research and Development of Isotopic and Molecular Technologies, Cluj-

Napoca, Romania). Secondary osteoporosis in rats studied by small angle neutron scattering.

59. **Ivanova L.A.**, Gorshkova Y.E., Verlov N.A., Burdakov V.S., Baranchikov A. E., Kopitsa G. P., Kulminskaya A.A. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Crystal and supra-molecular structure of bacterial cellulose hydrolyzed by cellobiohydrolase from *Scytalidium Candidum* 3c: a basis for development of biodegradable wound dressings.
60. **Kondela T.**, Hrubovčák P., Dushanov E., Kholmurodov K., Ivankov O., Murugova T., Kuklin A., Kučerka N. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Investigation into the effect of cholesterol and melatonin on the amyloid embedded model membrane through neutron scattering.
61. **Kuzmenko M.O.**, Gapon I.V., Avdeev M.V., Gorshkova Yu.Ye., Maslova V.A., Dmytrenko O.P. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Support silicon oxide nanolayer for neutron reflectometry solid-liquid cell for studying biological solutions.
62. **Makhaldiani N.** (Joint Institute for Nuclear Research, Dubna, Russia). Unified theory of dynamical systems with applications including biological systems.
63. **Osipov S.D.**, Vlasov A.V., Ryzhykau Yu.L., Kuklin A.I., Gordeliy V.I. (Moscow Institute of Physics and Technology, Dolgoprudny, Russia). Structural parameters of thylakoid membrane: lipid and protein parts.
64. **Okhrimenko I.S.**, Zagryadskaya Y.A., Ryzhykau Y.L., Kuklin A.I., Dencher N.A., Gordeliy V.I. (Moscow Institute of Physics and Technology, Dolgoprudny, Russia). Preparation of liposomes from native cell membrane for SAXS/SANS studies.
65. **Ospennikov A.S.**, Artykulnyi O.P., Shibaev A.V., Kuklin A.I., Philippova O.E. (Moscow State University, Moscow, Russia). Effect of water-soluble monomer on wormlike micelles of surfactant studied by small-angle neutron scattering.
66. **Ospennikov A.S.**, Kuklin A.I., Shibaev A.V., Philippova O.E. (Moscow State University, Moscow, Russia). Investigation of hydrogels based on cross-linked polymer and wormlike surfactant micelles by small-angle neutron scattering.
67. **Pavlova A.A.**, Bugrov A.N., Smyslov R.Yu., Gorshkova Yu.E., Kopitsa G.P. (Petersburg Nuclear Physics Institute NRC KI, Gatchina, Russia). Investigation of the domain structure of segmented polyurethane ureas by small angle neutron scattering.
68. **Ryzhykau Yu.L.**, Orekhov P.S., Rulev M.I., Vlasov A.V., Zabelskii D.V., Rogachev A.V., Murugova T.N., Vlasova A.D., Gordeliy V.I., Kuklin A.I. (Moscow Institute of Physics and Technology, Dolgoprudny, Russia). SANS investigation of membrane protein oligomerization: the case of the TCS photoreceptor complex NpSRII/NpHtrII.
69. **Skoi V.V.**, Soloviov D.V., Rogachev A.V., Chupin V.V., Kuklin A.I., Gordeliy V.I. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). Complex effect of AgNO₃ and KNO₃ on DPPC bilayer: SANS AND densitometry study.
70. Shibaev A.V., **Aleshina A.L.**, Kuklin A.I., Iliopoulos I., Philippova O.E. (Moscow State University, Moscow, Russia). PH-triggered structural transformations in the mixtures of an ionic surfactant and a hydrophilic polymer.
71. **Sudarev V.V.**, Vlasov A.V., Osipov S.D., Ryzhykau Y.L., Vlasova A.D., Skoy V.V., Murugova T.N., Rogachev A.V., Bukhalovich S.M., Dolotova S.M., Kuskov A.S., Gordeliy V.I., Kuklin A.I. (Moscow Institute of Physics and Technology, Dolgoprudny, Russia). Stability of ferritin protein complex at various pH.
72. **Vlasov A.V.**, Ryzhykau Yu.L., Osipov S.D., Vlasova A.D., Dencher N.A., Kuklin A.I., Gordeliy V.I. (Moscow Institute of Physics and Technology, Dolgoprudny, Russia). The possibility of dimerization of atp synthase from spinach chloroplasts.

73. **Żyła A.**, Jurczak P., Szymańska A., Wolak J., Taube M., Zhukov I., Kuklin A.I., Koza M. (Adam Mickiewicz University, Poznań, Poland). Structural investigation interaction between amyloid-beta peptides and associated proteins the human serum albumin and human cystatin C.

Materials under extreme conditions

74. **Lis O.N.**, Kichanov S.E., Belozeroва N.M., Lukin E.V, Savenko., B.N., Balakumar S. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). The neutron diffraction study of crystal and magnetic structures of multiferroic $\text{Bi}_{2-x}\text{Fe}_x\text{WO}_6$.
75. **Rutkauskas A.V.**, Kozlenko D.P., Kichanov S.E., Savenko B.N. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). The effect of doping of Sr^{2+} ions on the crystal and magnetic structure of barium hexaferrites $\text{Ba}_{1-x}\text{Sr}_x\text{Fe}_{12}\text{O}_{19}$.
76. Kozlenko D.P., **Zel I.Yu.**, Dang T.N., Le T.P.T. (Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia). High pressure induced structural and magnetic phase transformations in BaYFeO_4 .

Texture and stress investigation of materials

77. **Badmaarag A.**, Sangaa D., Sikolenko V., Scheffzuk Ch, Enkhtur L., Duinkherjav Y., Otgobayar P. (Institute of Physics and Technology, Ulaanbaatar, Mongolia). Tensional residual strain investigation by force direction of the rebar steel sample using time-of-flight neutron diffraction at the strain/stress diffractometer EPSILON.
78. **Carro-Sevillano G.**, Fernández Serrano R., Bokuchava G., Millán L., González-Doncel G. (CENIM-CSIC, Madrid, Spain). Residual stress distribution after a quenching treatment obtained by neutron diffraction experiments and fem simulation.
79. **Kirillov A.K.**, Vasilenko T.A., Islamov A. Kh. (Institute for Physics of Mining Processes NAS Ukraine, Dnipro, Ukraine). Features of the structure of the Chelyabinsk meteorite according to neutron SAS.
80. **Kucerakova M.**, Rohlicek J., Nikoayev D., Lychagina T. (Institute of Physics CAS CZ, Prague, Czech Republic). Texture study of Sinanodonta Woodiana shells by X-ray diffraction.
81. **Millán L.**, Bokuchava G., Hidalgo J.I., Fernández R., Kronberger G., Haldova P., Sáez A., Papushkin I., Garnica O., Lanchares J., González-Doncel G. (Centro Nacional de Investigaciones Metalúrgicas CENIM-CSIC, Madrid, Spain). Study of residual stresses in an extruded aluminium alloys after thermal treatments.
82. **Oponowicz A.**, Marciszko-Wiąckowska M., Baczmański A., Klaus M., Genzel Ch., Wroński S., Wróbel M. (AGH-University of Science and Technology, Kraków, Poland). Synchrotron energy dispersive method and grazing incident X – ray diffraction used to measure stresses in surface layers of polycrystalline materials.
83. **Silva P.N.**, Erhan R.V., Scheffzuk Ch., Gomes J.A.C.P. (COPPE - Federal University of Rio de Janeiro, Rio de Janeiro, Brazil). Preliminary study of residual stress distribution in high strength steel wires at EPSILON neutron diffractometer.
84. Wróbel M., Nikolayev D., Lychagina T., Kopyściański M., **Dymek S.**, Węglowski M.S., Sekretarev Z., Baczmanski A. (AGH University of Science and Technology, Kraków,

Poland). Comparison of local and global texture in friction stir processed aluminum alloys.