

## List of posters

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- 1. Petr Bednyakov**  
*High dielectric response in rhombohedral phase of BaTiO<sub>3</sub> single crystals*

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  - 2. Renata Bujakiewicz-Korońska**  
*Orientation of the electric field gradient and ellipticity of the magnetic cycloid in multiferroic BiFeO<sub>3</sub>*

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  - 3. Dominik Czernia**  
*Magnetic relaxations in trinuclear complex [TbIII(ZnIIIL)<sub>2</sub>]CF<sub>3</sub>SO<sub>3</sub> induced by applied static magnetic field*

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  - 4. Krzysztof Danel**  
*A-D-A-type 9,10-bis(phenylethynyl)anthracenes (BPEAs) for small molecule organic solar cells*

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  - 5. Inigo Etxebarria**  
*Computational study of the vacancy order in 2/1 mullite*

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  - 6. Piotr Fornal**  
*Mössbauer spectroscopy in the studies of sedimentation of Fe<sub>2</sub>O<sub>3</sub> in water solution of sugar*

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  - 7. Adrien Girard**  
*Diffuse scattering at ID28 ESRF side station : a new tool for lattice dynamics studies*

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  - 8. Natalia Górska**  
*Phase transitions and molecular dynamics of ionic coordination compounds of the [M(DMSO)<sub>6</sub>](BF<sub>4</sub>)<sub>3</sub> type, where M = V and Fe*

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  - 9. Natalia Górska**  
*Thermal properties and molecular dynamics of triblocksemifluorinated n-alkanes probed by temperature-dependent infrared absorption spectroscopy*

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  - 10. Piotr Graczyk**  
*Optimizing acoustic wave – spin wave resonant coupling in the magnonic crystal*

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  - 11. Alexandre Ivanov**  
*High-pressure cells for inelastic neutron scattering studies of proton dynamics in materials*

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  - 12. Pawel Jochym**  
*Not so giant anharmonicity in PbTe*

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  - 13. Pawel Karbowniczek**  
*Phase behaviour of banana-shaped molecules confined between walls*

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  - 14. Łukasz Kolek**  
*Molecular dynamics in the antiferroelectric liquid crystal (2S)-octano-2-yl4'-(2-fluoro-4-([5-(1,1,2,2,3,3,3 heptafluoropropoxy)pentyl]oxy)benzoyloxy)-[1,1'-biphenyl]-4-carboxylate*

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  - 15. Izabela Łukaszewska**  
*Applications of colorants in OLEDs and photovoltaics*

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  - 16. Artur Maciąg**  
*Measurement efficiency of Second Harmonic Generation (SHG) with consideration reflected signals*
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<b>17</b>	<b>Klaudiusz Majchrowski</b> <i>Quantum Entanglement in Double Quantum Well-, Double Quantum Wire -Structures and Jaynes-Cummings Model</i>
<b>18.</b>	<b>Klaudia Mencil</b> <i>Formamidinium Iodide: insight into thermal, electrical and spectroscopic properties</i>
<b>19.</b>	<b>Grzegorz Pająk</b> <i>Heliconical and other modulated nematic liquid crystals within Landau–de Gennes description</i>
<b>20.</b>	<b>Maria Podgórna</b> <i>Raman scattering investigations of phase transitions in the nanocrystals of PbZrO<sub>3</sub>-BiFeO<sub>3</sub> system</i>
<b>21.</b>	<b>Andrzej Ptok</b> <i>Magnetic Lifshitz transition in multi-band iron-based superconductors</i>
<b>22.</b>	<b>Ivan Rychetsky</b> <i>Permittivity of polycrystal – laminar structure</i>
<b>23.</b>	<b>Maxim Savinov</b> <i>Comparative broadband dielectric spectroscopy studies of relaxor and non-relaxor PbFe<sub>1/2</sub>Ta<sub>1/2</sub>O<sub>3</sub> ceramics</i>
<b>24.</b>	<b>Marek Schomber</b> <i>The phonon density of states and magnetic properties of bis-2-phenylethylamine-CuCl<sub>4</sub>, -MnCl<sub>4</sub> and their mixed crystals</i>
<b>25.</b>	<b>Wilfried Schranz</b> <i>Domain wall symmetry is described by layer groups</i>
<b>26.</b>	<b>Steffen Schwesig</b> <i>Magnons in the multiferroic phase of cupric oxide</i>
<b>27.</b>	<b>Viktor Soprunyuk</b> <i>Dynamical properties of supercooled water in nanopores</i>
<b>28.</b>	<b>Anna Szeremeta</b> <i>Electric current relaxation processes in non-homogeneous bismuth manganite - lead titanate ceramics induced by annealing in gaseous nitrogen</i>
<b>29.</b>	<b>Zita Tokarová</b> <i>Magnetostructural correlations in copper cubanes</i>
<b>30.</b>	<b>Mariusz Trybus</b> <i>Dynamic stimulation of phase transition in TriglycineSulphate single crystals</i>
<b>31.</b>	<b>Vitalii Turchenko</b> <i>The crystal structure of zirconium dioxide partially substituted by Ce ions</i>
<b>32.</b>	<b>Łukasz Dubiel</b> <i>Temperature dependence of the EMR spectra for Ni<sub>50-x</sub>CoxMn<sub>35.5</sub>In<sub>14.5</sub> Heusler alloys obtained by melt-spinning process</i>
<b>33.</b>	<b>Martyna Wojciechowska</b> <i>Structural and dielectric characterization of haloantimonates(III) and halobismuthates(III) based on diisopropylammoniumcations</i>

<b>34. Sławomir Wolski</b>	<i>Electron energy spectrum in 2D quantum dot</i>
<b>35. Fabian Ziegler</b>	<i>Multiferroic Hübnerite with unusual high molybdenum doping studied by x-ray powder diffraction and Raman spectroscopy</i>
<b>36. Paweł Zięba</b>	<i>New composite gyrotropic metamaterial</i>
<b>37. Paweł Zięba</b>	<i>Zitterbewegung and symmetry switching in the Klein's four-group</i>
<b>Latham Boyle</b>	(Video lecture to be presented during poster sessions) <i>Choreographic Crystals</i>