

Multiscale phenomena in molecular matter

Tuesday 4 July 2017

Poster Session (19:10 - 21:10)

-Conveners: Piotr Konieczny

| [id] title | presenter | board |
|--|---|-------|
| [7] Investigation of the spatial anisotropy of exchange coupling in quasi-two-dimensional quantum magnets $\text{Cu}(\text{en})\text{Cl}_2$ and $\text{Cu}(\text{tn})\text{Cl}_2$ | Ms LEDEROVÁ, Livia | |
| [29] Polymer dynamics and morphology in LDPE nanocomposites studied by NMR spectroscopy and relaxometry | Dr CALUCCI, Lucia | |
| [67] Cyano-bridged bimetallic chains based on cyclam complexes of Ni(III) or Mn(III) and hexacyanometallates(III) | HECZKO, Michał | |
| [80] How does the molecular structure of the bent-core molecules affects the occurrence of twist-bend nematic phase?: a mean-field study | Mr TOMCZYK, Wojciech | |
| [52] Inducing exchange bias in Co/Au multilayers by oxygen ion implantation | Mr GREGOR-PAWŁOWSKI, Jakub | |
| [25] Molecular dynamics in the smectic liquid crystal 4-n-butyloxybenzylidene-4'-n'-octylaniline (BBOA) in bulk and under confinement | Dr JASIURKOWSKA-DELAPORTE, Małgorzata | |
| [26] Magnetic properties of new molecular compounds based on single cobalt (II) ion | Ms CEGLARSKA, Magdalena | |
| [20] Magnonic excitations in low dimensional inhomogeneous nanostructures | Ms KUŹMA, Dominika | |
| [22] Low temperature electronic state of β -type organic conductors | Mr IMAJO, Shusaku | |
| [23] Peculiar low-energy phonon excitations in organic crystal with strong charge fluctuations | Mr NOMOTO, Tatsuya | |
| [40] Mesoporous silica thin films containing propyl-copper-phosphonate units inside vertically aligned pores as a novel material with tunable nonlinear optical (NLO) properties. | Dr LASKOWSKI, Lukasz Dr LASKOWSKA, Magdalena | |
| [76] Ionic conductors based on metal-closoborates | Mr LODZIANA, Zbigniew | |
| [73] Photomagnetic $\text{Cu}^{\text{II}}\text{-[Mo}^{\text{IV}}(\text{CN})_8]^{4-}$ coordination polymers | Dr KORZENIAK, Tomasz | |
| [72] Optimization of anodization parameters for nanoporous Al_2O_3 templates fabrication | Ms GOTFRYD, Elżbieta | |
| [71] Total transmission of elastic waves in solid-solid interface | Dr SOBIESZCZYK, Paweł | |
| [70] Polymorphism and vibrational investigations (FT-IR and IINS) of glass-forming 2-phenylbutan-1-ol (BEP), 2-(trifluoromethyl)phenethyl alcohol (2TFMP) and 4-(trifluoromethyl)phenethyl alcohol (4TFMP) | Dr JUSZYŃSKA-GAŁĄZKA, Ewa | |
| [79] Phase diagram and molecular dynamics in the antiferroelectric liquid crystal (2S)-octano-2-yl-4'-(2-fluoro-4-{[5-(1,1,2,2,3,3,3-heptafluoropropoxy)pentyl]oxy}benzoyloxy)-[1,1'-biphenyl]-4-carboxylate | Dr KOLEK, Łukasz | |
| [58] Mechanism of magnetisation reversal in thin L1_0 FePd nanopatterned layers | Mr HAJDYŁA, Mariusz | |

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| [19] Studies of slow magnetic relaxations in monocrystalline of $[\text{Mn}^{\text{III}}\text{F}_4\text{TPP}][\text{TCNE}]^{\text{ast}}$ methanol | Mr CZERNIA, Dominik | |
| [31] Magnetic anisotropy and magnetization reversal mechanisms of nanoporous Co/Pd multilayers and CoPd alloy thin films | Mr CHOJENKA, Juliusz | |
| [51] Formation of nanopatterned metal/oxide/metal multilayered structures using anodization process | Dr ZARZYCKI, Arkadiusz | |
| [34] Physical properties of a new magnetic liquid crystal based on Co(II) ions. | Mr LALIK, Sebastian | |
| [55] Structural research of ternary nanoparticles for energy production | Mrs DRZYMAŁA, Elżbieta | |
| [74] Nanoporous Al_2O_3 templates: a route towards flexible humidity sensors with linear response | Ms GOTFRYD, Elżbieta | |
| [50] Time scale effects in perception of acoustic signals | Mrs MARTINSON, Karolina | |