

XXXVII International Symposium on Dynamical Properties of Solids (DyProSo2019)

Monday, September 9, 2019

Morning Session 1: Chair: Paolo Vavassori (CIC nanoGUNE, Donostia, Basque Country (Spain)) (9:00 AM - 10:40 AM)

time	[id] title	presenter
9:00 AM	[52] Direct detection of multiple backward volume modes in yttrium iron garnet at micron scale wavelengths	KETTERSON, John B.
9:20 AM	[63] Dimensionality effects and phase transition dynamics in spintronics materials as seen by X-ray electron spectroscopies	PANACCIONE, Giancarlo
9:40 AM	[43] Spin wave modes in a cylindrical nanowire in crossover dipolar-exchange regime	KLOS, Jaroslaw
10:00 AM	[37] Edge modes in the switching mechanism of finite chains of macrospins	KUŹMA, Dominika
10:20 AM	[36] Domain structure and magnetization reversal mechanism in Co/Pd nanopatterned multilayer	SOBIESZCZYK, Paweł

Tuesday, September 10, 2019

Morning Session 1: Chair: Piotr Zieliński (Institute of Nuclear Physics Polish Academy of Sciences, Cracow (Poland)) (9:20 AM - 10:20 AM)

time	[id] title	presenter
9:20 AM	[65] Advanced Diffusion Strategies for Junction Formation in Germanium	DE SALVADOR, Davide
9:40 AM	[51] On some enigmatic properties of relaxation functions	HORZELA, Andrzej
10:00 AM	[31] The causality-composition law in the non-Debye relaxations models	GORSKA, Katarzyna

Wednesday, September 11, 2019

Morning Session 1: Chair: Andrzej Horzela (Institute of Nuclear Physics, Polish Academy of Sciences, Cracow (Poland))

(9:00 AM - 10:20 AM)

time	[id] title	presenter
9:00 AM	[59] Vibrational properties of closo – borane anions in superionic conductors	ŁODZIANA, Zbigniew
9:20 AM	[88] Adsorption of oxygen species on the SnO ₂ (110) defective surface: a DFT investigation	KRIK, Soufiane
9:40 AM	[41] Non-Debye vs Debye Dielectric Relaxation: How does memory effect arise?	LATTANZI, Ambra
9:50 AM	[49] Efficient calculation of anisotropic Fermi surface problems through Helmholtz Fermi Surface Harmonics (HFSH)	LAFUENTE-BARTOLOME, Jon
10:00 AM	[50] Ensemble sampling for lattice dynamics	JOCHYM, Paweł

Thursday, September 12, 2019

Morning Session 1: Chair: Cesare Malagù (University of Ferrara (Italy)) (9:00 AM - 9:50 AM)

time	[id] title	presenter
9:00 AM	[44] Bi ₂ O ₃ and ZnO nanowires growth using Vapor–Liquid–Solid (VLS) process for chemical sensors applications	MOUMEN, Abderrahim
9:10 AM	[46] Low-dimensional composite material based on modified graphene and metal oxide for high-performance chemical sensors	GALSTYAN, Vardan
9:30 AM	[87] Colloidal quantum dots for low-power-consumption semiconductor gas sensors	LIU, Huan