The XIV European Magnetic Sensors and Actuators Conference

Thursday, 27 June 2024

THU: Session 7 - Lecture Hall (09:00 - 10:30)

-Conveners: Tibor-Adrian Óvári

time	[id] title	presenter
09:00	[89] Additive Manufacturing of Heusler-type Heat Exchangers for Solid State Refrigeration	SALAZAR, Daniel
09:30	[39] Influence of Electric Current in the Domain Wall Dynamics for Fe-based Amorphous Microwires	PEREZ DEL REAL, Rafael
09:45	[78] Magnetic Anisotropy Control in Thin Film and Magneto-Resistive Multilayer Devices via Oblique Incidence Deposition	Dr SCHLAGE, Kai
10:00	[74] Magnetocaloric Effect in SrRuO3 Single Layer and Exchange Coupled BiFeO3-SrRuO3 Bilayer	BOHRA, Murtaza
10:15	[43] Rapidly Annealed High-Bs Fe(Co)-Based Soft Magnetic Nanocrystalline Alloys for Applications at Elevated Temperatures	Dr ŠKORVÁNEK, Ivan

THU: Session 8 - Lecture Hall (11:00 - 12:30)

-Conveners: Tsuyoshi Uchiyama

time	[id] title	presenter
11:00	[47] The Impact of Temperature on the Magnetic Properties and Magneto-Impedance Effect of Glass-coated Microwires	CORTE-LEÓN, Paula
11:30	[63] Large Magnetoresistance in Magnetite Pellets	Prof. HRISTOFOROU, Evangelos
11:45	[30] CMMFR Type GMI Gradiometer Based on Single Coil Feedback	IDACHI, Seiji
12:00	[31] High Sensitivity Digital GMI Sensors for Magnetic Communications	XU, Miao
12:15	[32] Experimental Use of the Lidar Timing Circuit for Magnetometers Working with Time Conversion	POLAKOVIČ, Adam

THU: Session 9 - Lecture Hall (14:00 - 15:30)

-Conveners: Sébastien Saez

time	[id] title	presenter
14:00	[88] Advanced 3D Magnetic Field Sensors Based on Spin Orbit Torque	Prof. SUESS, Dieter
14:30	[45] Multiscale Simulation of the Magneto-Impedance Effect	GESTOSO, Guillermo
14:45	[55] Error Correction of Analytical Field Expressions with Neural Networks	Dr SLANOVC, Florian
15:00	[25] A Finite Elements Scheme for the Optimization of Electromagnetic Energy Harvesters	GARAYO URABAYEN, Eneko
15:15	[16] Modelling and Optimization of a 2-terminal EMR Current Limiter	Dr ENGER, Luiz