

Programme – latest changes

Study of Spin-Orbit Interactions and Multilevel Switching in Co/Pt/Co trilayer

Krzysztof Grochot

moved to S15.6 | Friday, 29/07/2022 | 11.15 – 11.30 CEST

Autonomous parametric instability driven spintronic auto-oscillator for multi-mode generation

Abbass Hamadeh

moved to S15.4 | Thursday, 28/07/2022 | 14.00 – 14.15 CEST

Magnetotransport Properties of Graphene with Magnetic Defects

Posters | Thursday.P3

change of presenting author from Tae Hee Kim to Nga Do Thi

New

Engineering of Spin-Transfer-Torque Perpendicular Magnetic Tunnel Junctions at Cryogenic Temperatures with Very Low Switching Voltages

Pedro Brandao Veiga

S12.1 | Monday, 25 July | 17:30 – 17:45

Room-temperature synthesis of AuFe solid solution nanoparticles and their transformation to Au/Fe Janus nanostructures

Mariia Efremova

moved to S1.2 | Wednesday, 27 July | 11:00 – 11:15

Factors affecting Magnetic Particle Imaging: Challenges and Solutions

Paola Tiberto

moved to S1.2 | Wednesday, 27 July | 11:30 – 11:45

Cancelled

Spin-orbit torque engineering for efficient skyrmion motion

Yanis Sassi

Posters | Thursday.P4

Effect of bending strain on magnetic anisotropy in epitaxial ferrite thin films on mica

Darla Mare

moved to S11.7 | Thursday, 28 July | 12:00 – 12:15

[S11.10] Influence of heavy sputtering gas on perpendicular magnetic anisotropy and interlayer exchange coupling in Pt/Co/Ir synthetic antiferromagnets

Daniel Gopman

Friday 29/07/2022 time changed to 14.30 – 14.45 CEST

[S11.10] Quantitative description of magnetic anisotropy in insulating GaN:Mn

Katarzyna Gas

Friday 29/07/2022 time changed to 14.45 – 15.00 CEST

[S11.10] Spin orbital reorientation transitions induced by magnetic field

Dariusz Sztenkiel

Friday, 29/07/2022 time changed to 15.00 – 15.15 CEST

[Special session] EMA Awards Special Session

Wednesday 27/07/2022 time changed to 13.15 – 15.00 CEST

Cancelled

[S15.5] Lithium-ion battery technology for voltage control of perpendicular magnetization

Maria Ameziane

Thursday 28/07/2022 | 17:15 – 17:30 CEST

[S15.5] Magneto-ionic Reversibility in Annealed W/CoFeB/HfO₂ (virtual)

Rohit Pachat

Thursday, 28/07/2022 | 17.15 – 17.30 CEST