Annual Meeting of the Swiss Physical Society 2024

Tuesday 10 September 2024

Spintronics and Magnetism at the Nanoscale: I - ETZ E 8 (14:00 - 16:00)

time	[id] title	presenter
14:00	[308] □601□Orbital spin-offs	GAMBARDELLA, Pietro
14:30	[49] □602□Phase Transitions and Magnetic Order in a Ruby Lattice Artificial Spin Ice	BERCHIALLA, Luca
14:45	[24] □603□Reversal time of a magnetic Cobalt nanoparticle with defects	BOCQUET, Hugo
15:00	[140] □604□Micro- and nanomagnet stray field investigation for manipulation of spin qubits	ALDEGHI, Michele
15:15	[199] □605□Observation of Ultrashort Spin Voltage and -Accumulation	CARRION RUIZ, Francisco
15:30	[152] □606□The magnetoelectric deflection effect	MOODY, Samuel Harrison

Spintronics and Magnetism at the Nanoscale: II - ETZ E 8 (16:30 - 18:30)

time	[id] title	presenter
16:30	[309] □611□Investigation of oxide heterostructures and 2D van der Waals materials through x-ray dichroism	PIAMONTEZE, Cinthia
17:00	[310] □612□Scanning SQUID-on-tip microscopy of 2D and chiral magnetism	POGGIO, Martino
17:30	[96] □613□Observation of gating-induced conformational changes of CeTi@C80 on graphene by x-ray absorption spectroscopy	LEE, Wei Chuang
17:45	[92] □614□Ultrafast soft X-ray magnetic holography at SwissFEL	SOROKIN, Boris
18:00	[98] □615□Integration of a near-field coupling device with scanning probes for Nitrogen-Vacancy magnetic imaging	HAPPACHER, Jodok

Thursday 12 September 2024

Spintronics and Magnetism at the Nanoscale: III - ETZ E 8 (14:00 - 16:30)

time	[id] title	presenter
14:00	[311] □621□2D Magnetic Materials	MORPURGO, Alberto
14:30	[7] □623□Anomalous magnetic domain pattern in kagome semimetal Co3Sn2S2	DUAN, Hengli
14:45	[17] □624□Nature of 2D XY antiferromagnetism in van der Waals monolayer	LEBEDEV, Dmitry
15:00	[95] □625□Single-Molecule Magnetism and Room Temperature Ferromagnetic Crystals of Tb$_3$N@C$_{80}$	YU, Lebin
15:15	[4] □626□High-resolution spectroscopy of a single nitrogen-vacancy defect at zero magnetic field	KUMAR, Shashank