

Annual meeting of the Swiss Physical Society 2018

Thursday, 30 August 2018

Advances in Topological Materials: I - CE 2 (14:00 - 16:30)

time	[id] title	presenter
14:00	[14] □601□ Topology-driven thermoelectricity and non-abelian statistics in momentum space	SOLUYANOV, Alexey
14:30	[21] □602□ Observation of Weyl nodes in robust type-II Weyl semimetal WP2	YAO, Mengyu
14:45	[232] □603□ Topological quantum phases in graphene nanoribbons	Dr RUFFIEUX, Pascal
15:00	[132] □604□ Observation of a phononic quadrupole topological insulator	Dr SERRA GARCIA, Marc
15:15	[112] □605□ Axial field induced chiral channels in an acoustic Weyl system	PERI, Valerio
15:30	[109] □606□ Type-I and type-II classification of composite Weyl nodes	GOSALBEZ MARTINEZ, Daniel
15:45	[163] □607□ Signatures of the 6D Quantum Hall effect in 3D topological pumps	PETRIDES, Ioannis
16:00	[62] □608□ Non-trivial band topology in high pressure structure of Ba ₃ CaIr ₂ O ₉	KATUKURI, Vamshi Mohan
16:15	[198] □609□ High-pressure phases of Kitaev Materials	SIMUTIS, Gediminas

Friday, 31 August 2018

Advances in Topological Materials: II - CE 2 (11:15 - 13:15)

time	[id] title	presenter
11:15	[55] □611□ Emergence of massless Dirac and Weyl fermions in Semi-metals with broken PT symmetry	Prof. SHI, Ming
11:45	[121] □612□ Novel topological semimetals predicted from first-principles	WU, Quansheng
12:00	[39] □613□ Reinvestigating the surface and bulk electronic properties of Cd ₃ As ₂	Dr CREPALDI, Alberto
12:15	[85] □614□ Prediction of a large-gap and switchable Kane-Mele quantum spin Hall insulators from first-principles simulations	Mr MARRAZZO, Antimo
12:30	[66] □615□ Magnetoresistance from Fermi surface topology	Dr ZHANG, Shengnan
12:45	[64] □616□ Electronic and spin structure of the nodal-line semimetals ZrSiX (X=Se,Te)	GATTI, Gianmarco
13:00	[43] □617□ Experimental evidence of proximity induced odd-frequency superconductivity in a topological insulator	Mr KRIEGER, Jonas