

[MoC3] Topological Materials
Date / Time July 2 (Mon.), 2018 / 15:55-17:35

Place Room C (#107)

Session Chair Hu-Jong Lee (POSTECH, Korea)
Markus Morgenstern (RWTH Aachen Univ., Germany)

MoC3-11 (Invited)

15:55-16:20

Revealing Topological Edge States in Bismuth Nanowires by Proximity Induced Superconductivity

 Helene Bouchiat¹, Anil Murani², Kasumov Alik¹, and Gueron Sophie¹
¹CNRS France, France, ²CEA Saclay, France

MoC3-12 (Invited)

16:20-16:45

Large Anomalous Hall Current Induced by Topological Nodal Lines in A Ferromagnetic Van Der Waals Material

 Kyoo Kim¹, Junho Seo², Eunwoo Lee³, Jong Mok Ok², Jinwon Lee², Youn Jung Jo⁴, Woun Kang⁵, Han Woong Yeom², Ji Hoon Shim⁶, Byung Il Min⁶, Bohm-Jung Yang³, and Jun Sung Kim²
¹MPK POSTECH, Korea, ²POSTECH & IBS-CALDES, Korea, ³Seoul Nat'l Univ., Korea, ⁴Kyungpook Nat'l Univ., Korea, ⁵Ewha Womans Univ., Korea, ⁶POSTECH, Korea

MoC3-13 (Invited)

16:45-17:10

Characteristic Frequency Dependence of Optical Conductivity in Topological Semimetals

Hongki Min

Seoul Nat'l Univ., Korea

MoC3-14 (Invited)

17:10-17:35

Topological Phases in Thin Films of Materials with Inverted Band Structures

 Fedor Kusmartsev¹, Yi Luo², Aidan Wilkonson², He Li², Anna Kusmartsev¹, and Marat Gaifullin¹
¹Loughborough Univ., UK, ²MTRC, China