

[MoC2] Graphene I

Date / Time	July 2 (Mon.), 2018 / 13:30-15:25
Place	Room C (#107)
Session Chair	Alberto Morpurgo (Univ. of Geneva, Switzerland)

MoC2-11 (Invited) 13:30-13:55

Valley-Symmetric Carrier Guiding in Ballistic Graphene

Hu-Jong Lee
POSTECH, Korea

MoC2-12 (Invited) 13:55-14:20

Experimentally Tuning Graphene's Pseudospin Polarization and Valley Splitting

Markus Morgenstern
RWTH Aachen Univ., Germany

MoC2-13 (Invited) 14:20-14:45

Plasmons and Sensing in Graphene Devices

Mikael Fogelström
Chalmers Univ. of Tech., Sweden

MoC2-14 (Invited) 14:45-15:10

Graphene at The Charge Neutrality Point: Sensing at Terahertz Frequency Domain

Hans He¹, Samuel Lara-Avila¹, Kyung Ho Kim¹, Yung Woo Park², Rositsa Yakimova², Andrey Danilov¹, Dmitry Golubev³, Serguei Cherednichenko¹, and Sergey Kubatkin¹
¹*Chalmers Univ. of Tech., Sweden*, ²*Seoul Nat'l Univ., Korea*, ³*Low Temperature Lab., Aalto Univ., Finland*

MoC2-05 15:10-15:25

Magnetic Field-Induced Metal-Insulator Transition of Graphene at A Filling Factor $\nu=0$

Sung Ju Hong, Christopher Belke, Johannes Rode, Benedikt Brechtken, and Rolf Haug
Leibniz Univ., Germany