

The 5th Muju International Winter School Series

- Synthesis and Physical Properties of Emerging Nanomaterials

20 – 24 Jan. 2019

Muju Deogyusan resort, Republic of Korea



Objectives of the Muju Winter School

The aim of this symposium is to bring together the leading scientists who are working actively in the field of carrier dynamics and physical properties of 2D nanostructure, 2D material synthesis, energy storage, and related technologies.

We hope that this symposium will give us the opportunities to share our recent scientific discoveries and to stimulate further bilateral collaboration.

During the course of this Winter School, we will have about 30 invited lectures by group leaders. Additional poster presentation of young researchers will give an overview of current advances in various research fields.



Important Dates

Nov. 1, 2018: Abstract submission open
Nov. 30, 2018: Deadline for Abstract submission
Dec. 14, 2018: Acceptance Notification
Dec. 17, 2018: Hotel reservation

Organizing committee

Chief Organizer
Young Hee Lee (Sungkyunkwan Univ.)

Secretary
Byoung Hee Moon (Sungkyunkwan Univ.)

Organizer
Hyoyoung Lee (Sungkyunkwan Univ.)
Jeongyong Kim (Sungkyunkwan Univ.)
Seungchu Lim (Sungkyunkwan Univ.)
Mun Seok Jeong (Sungkyunkwan Univ.)
Seunghyun Baik (Sungkyunkwan Univ.)
Sung Wng Kim (Sungkyunkwan Univ.)
Dongseok Suh (Sungkyunkwan Univ.)
Young Jae Song (Sungkyunkwan Univ.)
Heejun Yang (Sungkyunkwan Univ.)
Woo Seok Choi (Sungkyunkwan Univ.)
Woo Jong Yu (Sungkyunkwan Univ.)
Yunseok Kim (Sungkyunkwan Univ.)
Sang Ho Oh (Sungkyunkwan Univ.)
Young Min Kim (Sungkyunkwan Univ.)

MIWS²

Confirmed Invited Speakers

Tutorials

Paul Weiss (UCLA)
Philip Kim (Harvard Univ.)

Invited Speakers

Maria C. Asensio (Univ. Paris-Saclay)
Tom Gregorkiewicz (Univ. of Amsterdam)
Ajay K. Sood (Indian Inst. of Science)
Luke Lee (UC Berkeley)
Hui-Ming Cheng (Shenyang Nat. Lab. for Mater. Sci.)
Gang Wang (Cambridge Univ.)
Christoph Renner (Univ. of Geneva)
Søren Ulstrup (Aarhus Univ.)
Isabella Gierz (Max Plank Inst.)
Cesar Moreno (Catalan Inst. of Nanosci. and Nanotech.)
Olga Ovchinnikova (Oak Ridge Nat. Lab.)
Leonid Butov (UCSD)
Kaihui Liu (Peking Univ.)
Binghai Yan (Weizmann Inst.)
Kyoung Jin Lee (Korea Univ.)
Ki Kang Kim (Dongguk Univ.)
Jun Sung Kim (POSTECH)
Sungwng Kim (Sungkyunkwan Univ.)
Gyung-Min Choi (Sungkyunkwan Univ.)
Dinh Loc Duong (Sungkyunkwan Univ.)
Ji-Hee Kim (Sungkyunkwan Univ.)

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Abstract Submission for Poster Presentation

Topics to be covered at the meeting include:

- Ultrafast dynamics of carriers, excitons and phonons in nanostructures.
- Physical properties of 2D nanostructures
- 2D material synthesis
- Plasmonics, spin/valleytronics
- High-frequency electronic devices
- Energy storage, and etc.

Organization

Center for Integrated Nanostructure Physics
Institute for Basic Science
Sungkyunkwan University
Korean Carbon Society
Korean Physical Society
- semiconductor physics division

Site

<http://www.mujuwinterschool.or.kr>

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