

SATL special symposium

--- in commemoration of Prof. M. S. Dresselhaus Honorary doctorate

Date: 18th February, 2016

Place: Science Hall, 2nd floor in Science complex C bldg. (H04)

Program

9:00—9:05 Riichiro Saito (Tohoku) Message from SATL representative

9:05—9:20 Yuta Nishina (Okayama) 10min + 5min (QA)

Tailoring the Oxygen Content of Graphene & Graphite Oxides for Specific Applications

9:20—9:35 Akinobu Kanda (Tsukuba) 10min + 5min (QA)

Toward observation of specular Andreev reflection in graphene

9:35—9:50 Yukio Kawano (Tokyo Inst. of Technology) 10min + 5min (QA)

Nanoscale Terahertz Imaging and Spectroscopy with Graphene and Carbon Nanotubes

9:50—10:05 Susumu Okada (Tsukuba) 10min + 5min (QA)

Theoretical study on electronic structures of graphene hybrid structures

10:05—10:20 Break

10:20—10:38 Keiji Ueno (Saitama) 12min + 6min (QA)

Single crystal growth and FET application of layered chalcogenide materials

10:38—10:56 Michihisa Yamamoto (Tokyo) 12min + 6min (QA)

Electrical generation and detection of valley current in bilayer graphene

10:56—11:14 Mikito Koshino (Tohoku) 12min + 6min (QA)

Physics of 1D and 2D moiré crystals

11:14—11:32 Tomoki Machida (Tokyo) 12min + 6min (QA)

Quantum transport in van der Waals junctions of graphene and 2D materials

11:32—13:00: Lunch

13:00—13:10: Opening address

13:10—13:50: Young Hee Lee (SKKU) 30min + 10min (QA)

Recent advances in graphene and TMDs in CINAP

13:50—14:30: Morinobu Endo (Shinshu U) 30min + 10min (QA)

An Old but New Carbons Pioneer the Advanced Nano-Science

14:30—15:00: Coffee Break Photos

15:00—16:00: M. S. Dresselhaus(MIT) 45min + 15min (QA)

60 years of Carbon Physics (tentative title)

(End)