

Opening and Closing: 5min without discussion

Invited Talk: 20 min including discussion

Contributed talk: 15 min including discussion

1-Aug-18

Chair Hiromichi Kataura

13:00 **Hiromichi Kataura**

i1 13:05 **Hiromichi Kataura**

i2 13:25 **Riichiro Saito**

i3 13:45 **Susumu Saito**

i4 14:05 **Ryo Kitaura**

i6 14:25 **Kenichi Sasaki**

14:45 **Break**

Chair Takeshi Tanaka

c1 19:15 M. Shoufie Ukhtary (Tohoku Univ.)

c2 19:30 Toshiya Shirakura (Tohoku Univ.)

c3 19:45 Nguyen T. Hung (Tohoku Univ.)

c4 20:00 Yusuke Nakanishi (Nagoya Univ. Kitaura Lab.)

c5 20:15 Masahiro Matsunaga (Nagoya Univ. Ohno Lab.)

c6 20:30 Guowei Wang (AIST)

c7 20:45 Kana Kojima (Tokyo Metropolitan Univ.)

21:00 **Free discussion**

Opening address

Low-defective dispersion of SWCNTs

Conservation law of angular momentum in Raman spectra by circularly polarized light

Modulation doping in atomic-layer semiconductors

All-dry fabrication of hBN-encapsulated devices with high-quality CVD-grown transition metal dichalcogenide flakes

Raman signal of Dirac mass

Transverse Magnetic and Transverse Electric Surface Waves in Silicene

Exciton-phonon coupling in MoS₂ by Resonance Raman

MoS₂/polymer as high capacity anion redox electrodes for sodium-ion battery

Spontaneous Self-Assembly of One-dimensional Transition-metal Chalcogenides Inside Carbon Nanotubes

High-output, transparent and stretchable triboelectric generator with carbon nanotube thin film

Toward high-efficiency electric power generation devices: control of SWCNT carrier density by encapsulating organic molecules

Improved interlayer coupling in suspended van der Waals heterostructures

2-Aug-18

Chair Ryo Kitaura

i7 8:30 **Masako Yudasaka**

i8 8:50 **Mari Ohfuchi**

i9 9:10 **Yasumitsu Miyata**

i10 9:30 **Takeshi Tanaka**

c8 9:50 F.R. Pratama (Tohoku Univ.)

10:05 **Break**

Chair Yasumitsu Miyata

c9 10:15 Yuya Iwasaki (Tohoku Univ.)

c10 10:30 M. S. Islam (Tohoku Univ.)

c11 10:45 M. Maruoka (Tohoku Univ.)

c12 11:00 M. Suzuki (Tohoku Univ Kohda Lab.)

c13 11:15 Yuhei Takaguchi (Tokyo Metropolitan Univ.)

c14 11:30 Hong En Lim (Tokyo Metropolitan Univ.)

c15 11:45 Ahmed Shawky (Univ. of Tokyo Maruyama Lab.)

12:00 **Muneyuki Date**

12:45 **Free Discussion**

15:00 End of meeting

Quantification of CNTs in Mice Excrements

Ab Initio Study of Sodium Dodecyl Sulfate on Single-Wall Carbon Nanotubes

CVD growth of in-plane heterostructures based on two-dimensional semiconductors

Sorting of Semiconducting Carbon Nanotubes with large diameter by Column Chromatography

Optical transition mechanism in tip-enhanced Raman spectroscopy of monolayer graphene

Chirality dependence of depolarization effect in single-wall carbon nanotubes

Doping effect on the electronic and vibrational properties of armchair graphene nanoribbons

THz antenna handling circularly polarized light

Photoluminescence polarization for detecting valley polarization and coherence in a monolayer MoS₂

Electric double layer light emitting diode of

WSe₂/MoSe₂ in-plane heterostructures

In-plane heterostructures based on twisted WSe₂ bilayers

Improving Single walled Carbon Nanotubes via Coaxial Wrapping and Durable Doping: Toward Applicable Devices

Closing remarks