

Workshop of carbon nanotubes and graphene at UTokyo

May 13 (Wednesday), 2015 11:30-17:00
Engineering Building II, 3rd Floor, **Conference room 31A**,
7-3-1 Bunkyo-ku, Tokyo 113-8656, The University of Tokyo

Co-Chairs: Shigeo Maruyama and Riichiro Saito

The state-of-the-art research of carbon nanotubes and graphene and future prospects are discussed.

Program

11:30 Opening:

Shigeo Maruyama (UTokyo, AIST) & **Riichiro Saito** (Tohoku Univ.)

12:00-13:00 *Lunch & Discussion*

13:00-13:25 **Hiromichi Kataura** (AIST): Single-chirality separation of single-wall carbon nanotubes using gel column chromatography

13:25-13:50 **Naotoshi Nakashima** (Kyushu Univ.): How do we design soluble carbon nanotubes and use them?-past, present and future-

13:50-14:15 **Yoshikazu Homma** (Tokyo Univ. Sci.): Adsorption effects on radial breathing mode of single-walled carbon nanotubes

14:15-14:40 **Yutaka Ohno** (Nagoya Univ.): Wafer-scale investigation of electrical characteristics of carbon nanotube thin-film transistors

14:40-15:05 **Riichiro Saito** (Tohoku Univ.): Ballistic and Diffusive thermal conductivity of graphene

15:05-15:20 *Break*

15:20-15:45 **Yoshiyuki Miyamoto** (AIST): Induction of optical phonon in hBN sheet that decreases inter-sheet distance: An ab initio study

15:45-16:10 **Susumu Saito** (Tokyo Tech.): Twisting carbon nanotubes

16:10-16:35 **Toshiaki Kato** (Tohoku Univ.): Growth mechanism of graphene nanoribbon under plasma CVD

16:35-17:00 **Shigeo Maruyama** (UTokyo, AIST): Solar cell application of carbon nanotubes

Sponsored by

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