



## Invited Speakers (tentative)

**Yoshitake Nishi**, Tokai Univ.,  
Japan

**Alina Pruna**, University  
Politehnica of Bucharest,  
Romania

**Masataka Hasegawa**, AIST,  
Japan

**Subindu Kumar**, Indian  
Institute of Technology, India

**Robert Nemanich**, Arizona  
State University, USA

**Satoshi Koizumi**, NIMS, Japan

**Manika Khanuja**, Jamia Millia  
Islamia, India

## Organizers

**Helmut T. Uchida**, Tokai Univ.

**Masami Aono**, National Defense  
Academy

**Satoru Kaneko**, KISTEC

**Yasuharu Ohgoe**, Tokyo Denki  
Univ.

**Yoku Inoue**, Shizuoka Univ.

**Hirofumi Takikawa**, Toyohashi  
Univ. of Tech.

**Tamio Endo**, Sagami-hara Surf.  
Lab.

## Powered by THO

This symposium is co-organized by Team Harmonized Oxides (THO). You can find us at URL <http://www.nims.go.jp/nqe/sa/tho/index.html>



## Call for Papers

This symposium will provide multidisciplinary discussions for diverse carbon related materials (CRM) such as diamond, graphene, nanotubes, fullerene, amorphous carbon and diamond-like carbon, including the formations, structures, properties, behaviors, and technological applications of CRM. There are two main aims. We should find reasons, (1) why CRM show unique and excellent natures in physical and mechanical properties, (2) why CRM show variety of properties though they have the common element of C. It seems that structures and modifications have key factors.

*Topics: (1) Preparations, syntheses and materials chemistry of carbon related materials (CRM). (2) Theoretical/computational approaches of CRM. (3) Functionalization and surface modifications of CRM. (4) Characterizations and properties of CRM. (5) Relations between structures and properties of CRM. (6) Device applications of CRM.*

