

# **The C10 Activity Report: Structure and Dynamics of Condensed Matter for the C and CC Meeting, IUPAP, Oct., 2016**

(Submitted by Raynien Kwo, Chair C10)

## **C10 Members for the years of 2015 -2017**

### **Officers**

**1. Chair: J. Raynien Kwo** (2014) (2011) (2008)

Department of Physics, National Tsing Hua University, Hsinchu, Taiwan

**Vice-Chair: Laura Greene** (2014) (2011)

Department of Physics, University of Illinois, Urbana-Champaign, Urbana, Illinois, USA

**Secretary: Hartmut S. Leipner** (2014) (2011)

Interdisziplinäres Zentrum für Material-Wissenschaften der Universität Halle-Wittenberg, Halle, Germany

### **Members**

**2. Maria Luisa Medarde Barragan** (2014)

Laboratory for Developments and Methods, Paul Scherrer Institut, Switzerland

**Jonas Fransson** (2014) (2011)

Department of Physics and Astronomy, Uppsala University, Uppsala, Sweden

**Vladimir Kulakovskii** (2014)

Solid State Physics Institute, RAS, Central'naya, Chernogolovka, Moscow Region, Russian Federation

**Najeh Thabet Mliki** (2014) (2011)

Department of Physics, Faculty of Science of Tunis, University of Tunis El Manar, Tunis Tunisia

**Kell Mortensen** (2014)

Niels Bohr Institute, University of Copenhagen, Universitetsparken, Copenhagen, Denmark

**Youichi Murakami** (2014)

Institute of Materials Structure Science, High Energy Accelerator Research, Tsukuba, Japan

**TaeWon Noh** (2014)

Center for Correlated Electron Systems, Seoul National University, Seoul Republic of Korea

**Rob Robinson** (2014) (2011)

Australian Nuclear Science & Technology Organisation, New South Wales, Australia

**Dominik Schaniel** (2014)

Laboratory for Crystallography, Magnetic Resonance, and Modelling, Vandoeuvre-I, France

**Matt Tucker** (2014)

ISIS facility & Diamond light source Ltd, Harwell, Oxford, UK

**Mu Wang** (2014) (2011)

National Lab of Solid State Microstructure, School of Physics, Nanjing University, Nanjing, China

## Activity Report:

### (1) Young Scientists prize 2016:

In the past year we have completed the process of the C10 YSP, 2016. The call for YSP 2016 nomination was announced publicly on 5/1/2015. The deadline was on 7/15, 2015. Overall, we have received ten new, excellent applicants from countries including Korea, China, India, US, and Europe, etc, with very high caliber. We also had three roll over candidates from last year. The YSP 2016 winner was successfully elected on 9/16.

**The winner is Dr. Wenzhong Bao, Fudan University, China.**

His citation reads:

**Dr. Wenzhong Bao,**

Professor, Department of Microelectronics, Fudan University, China.

“ For his outstanding contribution in electrical and mechanical properties of the low-dimensional quantum materials.”.

Wenzhong Bao received his B.S. degree in Nanjing University, China in 2006 and Ph.D. from Department of Physics and Astronomy at the University of California, Riverside in 2011, then worked as a postdoctoral researcher at University of Maryland, College Park. He has been at the present position since 2015.

Dr. Bao received the Prize Certificate, Medal and Monetary Prize in DMP/DCMP Reception that honors the Awardees and Fellows in the annual APS March meeting, March 15, 2016 in Baltimore, Maryland US. He also gave an invited prize talk in the same meeting in one of the invited symposium.



Photo left to right:

Sharon Glotzer (University of Michigan), Chair DCMP; Wenzhong Bao (Fudan University), YSP C10 2016 winner; Laura Greene (National MagLab and Florida State University) DMP Past Chair and IUPAP C10 Vice Chair; John Mitchell (Argonne National Laboratory) DMP Chair

**(2) Young Scientists prize 2017:**

The C10 2017YSP was announced to call for open nominations from 6/1 till 8/15/2016. So far we have received 8 new nominations for 2017, and 8 rolled-over candidates from 2016. The review process will be due by 9/25 to decide the finalist.

**(3) Sponsored Conferences:**

C10 also has sponsored another conference of “**Sixth International Conference on Nanostructures**” (ICNS6) in 2016, as organized by the Institute for Nanoscience and Nanotechnology (INST) of Sharif University of Technology, Iran. It was held in beautiful Kish Island, Iran on March 7-10, 2016. The Conference has gathered well known international scientists and researchers to exchange ideas, share new knowledge and present advances in the fields of Nanoscience and Nanostructures, as an important international and multi-disciplinary event in the field of nanotechnology.

**(4) Cross-commission engagement within IUPAP:**

For the new Working Group of Accelerator Science in the IUPAP, C10 has nominated Dr. Di-jing Huang, the Deputy Director of Taiwan’s National Synchrotron Radiation Research Center (NSRRC) to be the new member.