

**C5 Activity Report for the IUPAP C&CC Meeting -  
Geneva CERN, October 2013**  
(submitted by K. Kono, Chair C5, September 2013)

**Officers/Members 2011-2014**

Chair:	Kimitoshi Kono	Japan
Vice-Chair:	Karen Hallberg	Argentina
Secretary:	John Saunders	UK
Members:	John Beamish	Canada
	Nan Lin Wang	China
	Jukka Pekola	Finland
	Jean-Pascal Brison	France
	Christian Pfeleiderer	Germany
	Srinivasan Ramakrishnan	India
	Hu-Jong Lee	Republic of Korea
	Hans Hilgenkamp	The Netherlands
	Alexander Smirnov	Russia
	Alexander Feher	Slovak Republic
	Robert Hallock	USA

**Associate Members:**

Jacek Kossut	Poland (from C8)
YoshiChika Otani	Japan (from C9)
Juhn-Jong Lin	Taiwan

## Main Achievements

### 1. Commission Meeting

C5 holds its major triennial formal meeting in advance of the General Assembly on the occasion of the meeting of International Conference on Low Temperature Physics (LT), our major Type A conference held every three years. The previous meeting was in August of 2011 in Beijing at the time of LT26. In August of 2014 LT27 will be held in Buenos Aires, when we will have a face-to-face meeting. We have conducted business effectively by e-mail in the interim.

### 2. Sponsored Conference (2012)

#### Type B

International Conference on Quantum Fluids and Solids 2012 (QFS2012)

August 15-21, 2012, Lancaster, UK;

267 registered participants (26 women) from 25 countries;

9 keynote talks and 55 invited talks (3 by women), and approximately

210 posters;

Co-chairs: S.N. Fisher and G.R. Pickett

### 3. Sponsored Conference (2013)

#### Type B

International Conference on Quantum Fluids and Solids 2013 (QFS2013)

August 1-6, 2013, Matsue, Japan;

220 participants (14 women) from 23 countries;

10 plenary talks and 47 invited talks (1 by women), and 147 posters;

Chairman: Y. Okuda, Co-Chairman: K. Kono

#### 4. Sponsored Conferences (anticipated for 2014 and beyond)

##### Type A

27th International Conference on Low Temperature Physics (LT27), early approval  
August 6-13, 2014, Buenos Aires, Argentina;  
about 1,200 participants  
Chair: S. Hernández, Co-Chair: V. Bekeris

##### Type B

International Conference on Ultralow Temperature Physics  
(ULT 2014), proposition  
August 16-19, 2014, San Carlos de Bariloche, Argentina;  
200-300 participants  
Organizers: Henri Godfrin, Julio Guimpel, J. Luzuriaga, E. Osquiguil

5. IUPAP Young Scientist Prize in Low Temperature Physics The following solicitation for the IUPAP Young Scientist Prize in Low Temperature Physics is posted on the C5 website and distributed in the community. Up to three prizewinners will be nominated in early 2014 by C5. The Prize award ceremony will be held at the LT27 Conference in August 2014. All prizewinners will give an invited talk.

## CALL FOR NOMINATIONS IUPAP Young Scientist Prize in Low Temperature Physics 2014

Nominations are being sought for the Young Scientist Prize in Low Temperature Physics, which will be awarded by the International Union of Pure and Applied Physics through the Commission C5 (Low Temperature Physics) in 2014. The prize will be awarded during the 27th International Conference on Low Temperature Physics (LT27) to be held in Buenos Aires, Argentina, August 6—13, 2014. The Prize includes a medal, the sum approved by IUPAP, and an invited presentation to be made at LT27.

The nominee is expected to have made original and outstanding contributions to the field of low temperature physics. If the work was performed in collaboration, the leading personal contribution of the recipient to the achievement must be clearly identifiable. Nominees for the prize should by January 5, 2014 have a maximum of 8 years of research experience (excluding career interruption) following the award of PhD.

Nominations should include:

- A letter of not more than 1,000 words evaluating the nominee's achievements and identifying the specific work to be recognized.
- Curriculum vitae that identifies all publications.
- A brief biographical sketch not to exceed two pages.
- Suggested text for the award citation.

Self-nominations will not be considered. Nominations should be sent to the chair of IUPAP C5: preferably by web upload ([http://lt.riken.jp/iupap/young\\_scientist/prize.shtml](http://lt.riken.jp/iupap/young_scientist/prize.shtml)), e-mail with attachments (e-mail: [kkono@riken.jp](mailto:kkono@riken.jp)), or by regular mail (Dr. K. Kono, Low Temperature Physics Laboratory, RIKEN, Hirosawa 2-1, Saitama, 351-0198 Japan).

**Deadline for receipt of nominations is January 5, 2014.**