

**Report to the IUPAP Council & Commission Chairs meeting
Rio de Janeiro, 21 - 22 October 2012
C15: Commission – Atomic, Molecular and Optical Physics**

The two large international conferences in Atomic, Molecular and Optical Physics are the International Conference on Atomic Physics (ICAP) and the International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC), which are held biennially on alternating years.

The Commission is requesting IUPAP Sponsorship for two 2013 International Conferences: The 28th ICPEAC general conference to be held 24–30 July in Lanzhou, China; and the topical 21st International Conference on Laser Spectroscopy (ICOLS) to be held 9–14 June in Berkeley, California.

Commission C15 members met on 23 July 2012 during the 23rd ICAP meeting at the Ecole Polytechnique in Palaiseau, France. At the suggestion of Michèle Leduc, co-chair of the local organizing Committee, foreign participants from developing countries, whose travel was supported by IUPAP, were invited to attend the C-15 meeting. This gave us all an opportunity to introduce ourselves and to get to know the young physicists. Prof. Leduc will submit her IUPAP report on ICAP as soon as she receives the total budget for the conference.

The Commission places considerable importance on soliciting nominations for the IUPAP Young Scientist Prize in AMO Physics and on selecting the recipient. This year, regrettably, the new Chair of C-15 failed to schedule the Young Scientist's talk in time for it to be included in ICAP program. Rather, two talks, for 2012 and 2013 winners, will be submitted for the ICPEAC meeting.

The number and distribution of nominations for the first six awards is presented in the following table. The columns for the 2009, 2010, 2011 and 2012 show the ratio of the number of new nominations to the total number including the eligible nominations from 2008, 2009, 2010 and 2011 respectively.

Number and Distribution of Nominations

	2007	2008	2009	2010	2011	2012
<i>USA</i>	2	4	2/4	1/4	3/6	2/5
<i>Germany</i>	7	5	1/6	1/7	0/6	1/7
<i>Italy</i>	2	1	3/4	1/5	0/4	0/2
<i>France</i>	1	--	2/2	0/2	0/1	0/1
<i>Russia</i>	2	1	1/2	0/2	0/2	0/1
<i>Australia</i>	2	--	1/1	0/0	0/0	0/0
<i>Japan</i>	--	3	0/3	0/3	0/2	0/1
<i>Taiwan</i>	--	1	0/1	0/1	0/1	0/1
<i>Serbia</i>	--	1	0/1	0/1	0/1	0/1
<i>UK</i>	--	1	1/1	0/1	0/0	1/1
<i>Canada</i>	--	1	0/0	0/0	0/0	0/0
<i>India</i>	--	--	2/2	0/2	1/3	2/4
<i>Sweden</i>	--	--	1/1	0/0	0/0	0/0
<i>Israel</i>	--	--	1/1	0/1	0/0	0/0
<i>Switzerland</i>	--	--	1/1	0/1	1/2	0/2
<i>Netherlands</i>	--	--	1/1	0/1	0/1	0/1
<i>Portugal</i>	--	--	--	--	1/1	0/2
<i>China</i>	--	--	--	--	--	1/1
<i>Korea</i>	--	--	--	--	--	1/1
TOTAL	16	18	17/31	3/31	6/30	8/31