

INFORMATION E-MAIL FROM THE IAMAS BUREAU

September, 2012

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**a) Call for nominations for the IAMAS Early Career Scientist award
(deadline: 28 Feb, 2013)**

IAMAS will present a medal to an early career scientist working in any area of the atmospheric sciences who has carried out excellent scientific research and who has the potential to make a significant contribution in the future. Early career would be taken as a scientist who had earned their highest degree within the last 10 years and were under 40 years of age when nominated.

Scientists can be nominated for the Medal by the IAMAS commissions, who will seek potential nominees from early career scientists working in their fields. Each commission may nominate only one scientist ahead of an Assembly. Scientists may also be nominated by Members at Large.

Nominations for the IAMAS medal of 2013 should be received by the IAMAS Bureau by 28th February, 2013.

The nomination should include a brief (less than 2 page) account of the achievements of the nominated scientist, details of their involvement with IAMAS, a list of their major publications and an assessment of their potential.

The recipient will be decided by an Awards Committee established by the IAMAS Bureau, which will be formed at the IAMAS bureau meeting in November 2012 in Paris and chaired by an IAMAS Vice President. Membership of the committee will be drawn from the Bureau and Members at Large. The committee will work via email and tele-conference.

The medal will be presented biennially at the IAMAS Assemblies. The recipient is expected to be present at the Assembly and give a lecture during an appropriate session. If no suitable candidates are nominated the medal will not be awarded. The recipient will receive an inscribed medal and a certificate signed by the President and Secretary-General of IAMAS.

(Prepared by IAMAS VP, Prof. John Turner)

b) ICPM2012 Workshop on “Atmospheric Model Parameterizations in the Polar Regions”, July 12, 2012

In an effort to begin a discussion on bridging the gap between observations and numerical modeling of the polar regions, the International Commission on Polar Meteorology sponsored a workshop focused on atmospheric model parameterizations on July 12, 2012. The workshop was hosted by NCAR, following the Antarctic Meteorological Observing, Modeling, and Forecasting Workshop in Boulder, Colorado. An introductory overview was followed by nine presentations on various aspects of observing and modeling in both the Arctic and Antarctic culminating in a summarizing discussion. Results from the meeting identified several shortcomings in numerical models, in particular Polar WRF's incomplete depiction of clouds, and incorrect proportions of down welling shortwave radiation and upwelling long wave radiation. Complicated phenomena such as blowing snow, which are not well understood and observed, present yet more challenges to the modeling community. Furthermore, there are not enough observations in parts of the polar regions, especially the Antarctic (as compared to Arctic efforts). More effort needs to be put into preserving observations already in place, and handling threats to limit or reduce the current observing network. At the workshop, the attendees agreed to establish an e-mail list to keep the discussion going among the community. Additional discussion included support for the Polar Prediction Project. Further discussion will take place at the 2013 AMOMFW meeting in Madison, WI, USA (June 10-12, 2013) and the DACA-13 meeting in Davos, Switzerland (July 8-12, 2013).

The workshop program including abstracts and presentations is publicly available on the workshop website http://ees.kuleuven.be/icpm_workshop2012/

(written by Maria Tsukernik, Irina Gorodetskaya, Thomas Lachlan-Cope, and Matthew Lazzara)

c) ICDM2012 Workshop on "Dynamics and Predictability of High-Impact Weather and Climate Events", 6-9, August, 2012

ICDM held its 2012 workshop on "Dynamics and Predictability of High-Impact Weather and Climate Events" in Kunming, China. The workshop featured a series of 24 invited lectures from international scientists working on synoptic and climate dynamics and covered many aspects of the variability of the atmospheric circulation, including Monsoon systems, the El Niño-Southern Oscillation, Arctic & Antarctic Oscillations, tropical & extra-tropical cyclones, and extreme events associated with those circulation systems, among others. It also addressed predictability on a wide range of timescales, from weather prediction, through to seasonal and decadal climate prediction. The workshop received 185 abstracts and more than 140 participants from 27 countries and regions (including China, USA, UK, France, Germany, Spain, Japan, Korea, Israel, Norway, Australia, India, Ukraine, China Taipei, etc.) attended the workshop. The consensus of the participants was that the workshop was successful, interesting and exciting. It provided an unusual platform for exchanges between the climate and weather research communities, and promoted research on high-impact weather and climate dynamics and predictability. The ICDM plans to follow up this successful workshop with further specialist meetings in future years.

The workshop was hosted by ICDM and organized by the State Key Laboratory of Numerical Modelling for Atmospheric Sciences and Geophysical Fluid Dynamics (LASG) of the Institute of Atmospheric Physics (IAP) of the Chinese Academy of Sciences (CAS). The co-chairs of the Science Organising Committee were Prof. Jianping Li of LASG/IAP and Dr. Richard Swinbank of the UK Met Office (the president of ICDM). The workshop was co-sponsored by a range of both international and Chinese sponsors, including IUGG and IAMAS, WWRP and WCRP and various Chinese projects. The IUGG sponsorship funded the attendance by two students, one from the Ukraine and the other from Nigeria. The IAMAS sponsorship funded 5 students and early career scientists from Ukraine, China, Bangladesh, Japan, and USA. Other sponsorships funded the attendance of the invited speakers, either partially or in full.

The workshop program, including presentations, is publicly available on the workshop website <http://icdm2012.csp.escience.cn/>.

(written by Jianping Li, Richard Swinbank and Jenny Lin)

d) Quadrennial Symposia of ICCP, IRS and IOC in August, 2012

During the five-week period 29 July to 31 August the IAMAS Commissions ICCP, IRS and IO₃C had their respective Quadrennial Symposia.

More than 500 Clouds and Precipitation specialists met in Leipzig, Germany (29 July – 3 August), a similar number of Radiation experts came to Berlin, Germany (5-10 August), while the Ozone community assembled in Toronto, Canada (26-31 August). The symposia's programmes can be reached via www.IAMAS.org/meetings). More detailed reports are expected in coming IAMAS-informations by Email

e) IAMAS Publication Series No. 2 available

A new issue appeared in the IAMAS Publication Series (IPS), entitled "International Ozone Commission: History and activities". It was compiled by Rumen D. Bojkov, Honorary Member of IO₃C. A number of copies were distributed to the participants of the Quadrennial Ozone Symposium in Toronto. Interested parties can order printed copies (iv + 100 pp. with illustrated text and detailed appendices) from the General-Secretariat (send an Email to Hans.Volkert@DLR.de) or download the complete pdf-file from www.IAMAS.org/Reports/ .

f) IAMAS-related meeting in September, 2012

Twelfth IGAC Open Science Conference, "Atmospheric Chemistry in the Anthropocene", 17-21 Sept. 2012, Beijing, China. The conference is co-sponsored by the IAMAS commission ICACGP.

Website: <http://www.igbp.net/5.1b8ae20512db692f2a6800015595.html>

g) IAMAS bureau meeting in November, 2012

The IAMAS bureau meeting is scheduled in Paris, France during the 15 and 16 of November 2012, hosted by IAMAS President Dr. Athena Coustenis at the Paris Observatory (Salle du Conseil). The first day of the meeting will be devoted to discussions of collaboration with IAMAS partners and other associations and of the IAMAS contribution to future meetings. The second day will be devoted to IAMAS internal affairs and is reserved for the Bureau and invitees.

You are welcome to send your suggestions and comments to IAMAS SG Dr. Hans Volkert (Hans.Volkert@dlr.de) with a copy to IAMAS ASG Ms. Jenny Lin (jennylin@lasg.iap.ac.cn) by 1 November, 2012 if there's anything you would like to bring to the attention of IAMAS bureau.