

# INFORMATION E-MAIL FROM THE IAMAS BUREAU



June 2016

## Content:

IAMAS Bureau Meeting 2016 1

Vice President Introduction  
Laura Gallardo 2

Greetings from Joyce Penner (IAMAS V.P.) 2

IRC Gold Medal to Terry Nakajima 3

IAMAS seeking for Early Career Scientist Medal 3

IRC Symposium Report 4

Proposal to host IAMAS Science Assembly 2021 4

News from Teodoro Georgiadis, Italian National Delegate 5

Forthcoming IAMAS-related Meeting 5

## *IAMAS Bureau Meeting 2016 in Kyoto Japan in April*



### **IAMAS Bureau Members**

From Left:

Nozomi Tomizawa, Assistant of SG;  
Teruyuki Nakajima, Secretary General  
Laura G. Klenner, Vice President

John Turner, President  
Joyce Penner, Vice President  
Yoshinobu Sasaki, Assistant of SG

The IAMAS Bureau Meeting 2016 was held over 13-14 April, 2016 in Kyoto Japan, hosted by the IAMAS SG Prof. Teruyuki (Terry) Nakajima. The Bureau invited Prof. Toshitaka Tsuda of Kyoto University to provide an opening address. Prof. Tsuda introduced the Japan Geoscience Union which Prof. Tsuda serves as the President, and Terry serves as the session President of Atmospheric and Hydrospheric Sciences.

The Bureau reviewed the IAMAS financial status and activities in 2015,

and discussed important items related to the IAMAS management, the plan for future activities such as IAMAS program arrangement for the IAPSO-IAMAS-IAGA Assembly 2017, the host proposals for IAMAS Assembly 2021, and award nominations. On the first day, a tele-conference regarding the Cape Town meeting between IAPSO, IAMAS and IAGA was also held, and the IAMAS Bureau exchanged information and discussed ways to arrange the joint sessions.

The Bureau members had an excellent and successful meeting to improve IAMAS business in the future. As part of this, the IAMAS Info-Email has been redesigned and made more readable and attractive. The Secretary General welcomes short reports from Commissions at any time.



### **IAMAS Bureau Meeting**

TKP Kyoto Shijo Karasuma Conference Center

## Vice President Introduction



Laura Gallardo is an Associate Professor at the Geophysics Department (DGF), University of Chile, and she is the Director for the Center of Excellence for Climate and Resilience Research

(<http://www.cr2.cl/>). She got a PhD in Chemical Meteorology

at Stockholm University (MISU) in 1996 working on lightning emissions of oxidized nitrogen. She returned to her home land Chile in 1997 where she worked as an expert advisor for National Commission for the Environment (now Ministry for the Environment) between 1997 and 2001, leading the first regional scale dispersion modeling studies in Chile, with emphasis on oxidized sulfur from copper smelting. In early 2002 she got a researcher position at the Center for Mathematical Modeling (CMM), where she begun studies on inverse modeling applications for constraining city-scale emission inventories, data assimilation and optimal network design. In December 2007, she got a permanent position at DGF. Overall, she has developed research activities including an extensive international collaboration network. Her research papers are published in high impact journals. Her research interests are broad and cover atmospheric modeling and data assimilation, air quality in mega cities, and

lately short-lived climate pollutants. She has been the leader for a scientific network and project studying South American Megacities (SAEMC, 2006-2012). Currently she acts as Director for the Center for Climate and Resilience Research (CR2), a center of excellence intended to deepen our understanding of climate system, its natural and anthropogenic changes and its consequences on society. Laura Gallardo is the co-convenor of the Pollution and its Impact on the South American Cryosphere (PISAC) initiative. She has served as a member of the Scientific Committee of the International Global Atmospheric of Chemistry (IGAC) for the period 2003-2009, and as a member of the international Commission for Atmospheric Chemistry and Global Pollution (iCACGP) since 2006. In 2010 she was elected as vice-president for iCACGP, and now she has been elected as vice-president for the International Association of Meteorology and Atmospheric Sciences (IAMAS). She teaches courses on atmospheric chemistry, modeling and global change, inverse modeling, atmospheric science and introductory physics at University of Chile. She has guided multiple theses in engineering and atmospheric science in Chile. Roughly half of her students have followed research programs and careers abroad. All in all, she has made original scientific contributions, and played a significant role in establishing atmospheric chemistry and modeling in her home country and internationally.

## Greetings from Joyce Penner (IAMAS Vice President)



I wanted to report on the most recent IAMAS Bureau Meeting 2016 held this past April in Kyoto, Japan. Those in attendance included (besides myself), our newly elected Vice President, Laura Gallardo Klenner, our President, John

Turner, and Secretary General Terry Nakajima, along with the two Assistant SGs: Nozomi Tomizawa and Yoshinobu Sasaki. It was a pleasure to meet these latter two people in person, since I had only email correspondence prior to the meeting.

We had lively discussions regarding the IAMAS budget and the need to maintain a prudent reserve of IAMAS funds to enable future emergencies as well as opportunities to be addressed. While there is no predetermined amount for this reserve, it was suggested that the IUGG budget and reserve be used as a model. At the present time, it seems that IAMAS funds are being dispersed at a rate consistent with maintaining this reserve and consistent with income.

We also were able to examine the list of sessions outlined for our Cape Town 2017 assembly to be held 27 August - 1 September. Thirteen separate joint

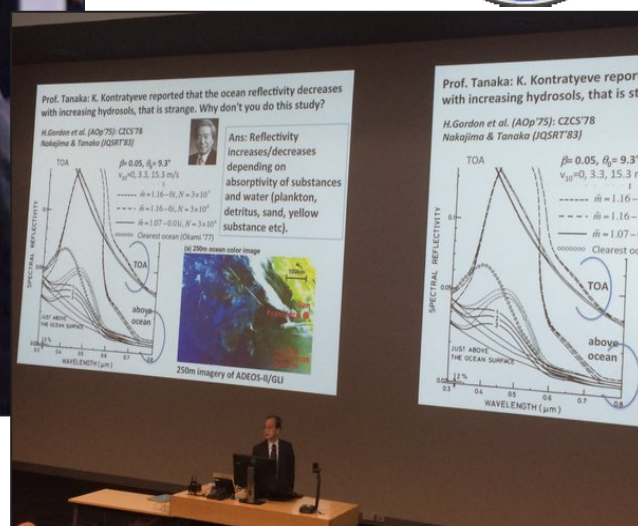
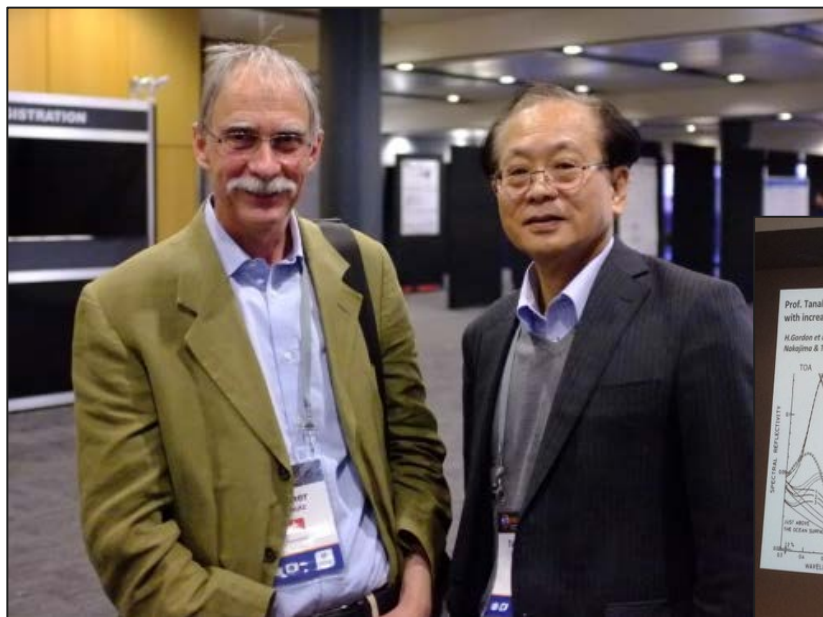
symposia with either IAPSO or IAGA are currently planned, spanning from Solar Related Variability to Arctic Meteorology and Oceanography. In addition 20 separate IAMAS-only symposia are currently in the planning stages, with symposia from all Commissions included. This promises to be one of the most exciting meetings to come, with a venue that boasts a Mediterranean climate in late August, together with daisies in bloom and whale season!

Other matters that were discussed at the meeting in April will be more thoroughly reported on during our Bureau meetings in Cape Town. But as an aside, on our last evening, we were treated to a stay at a "traditional" Japanese hotel. This included a wonderful meal to which several people wore the hotel-provided traditional Japanese clothing. In addition, we experienced a Japanese bath that sported (at least on the women's side) a shower, where one sits to become clean, large in-door and out-door pools, as well as smaller pools with special treatments (milk, special rocks, etc.). Thanks, Terry, for your always gracious hosting!

Joyce Penner

Vice President, IAMAS

## IRC Gold Medal to Teruyuki Nakajima



IRC Gold Medal winner Prof. Teruyuki Nakajima and IRC president Prof. Werner Schmutz

Prof. Teruyuki Nakajima was awarded the IRC Gold Medal at the International Radiation Symposium - IRS 2016 which was held at the University of Auckland, New Zealand from Sunday 17th to Friday 22nd April, 2016. This award honors a senior scientist who has made contributions of lasting significance to the field of radiation research. He has contributed to research in radiative transfer of the atmosphere and ocean, remote sensing of aerosol and cloud microphysics, and modeling studies of anthropogenic aerosol effects on the Earth's climate. Currently he is the director, Earth Observation Research Center (EORC), Japan Aerospace Exploration Agency (JAXA), and Professor Emeritus, University of Tokyo, and also serving as the associate member of Science Council of Japan, president of Atmospheric and Hydrospheric Sciences Section/Japan Geoscience Union, executive member of Japan Meteorological Society.

## IAMAS seeking for Early Career Scientist Medal

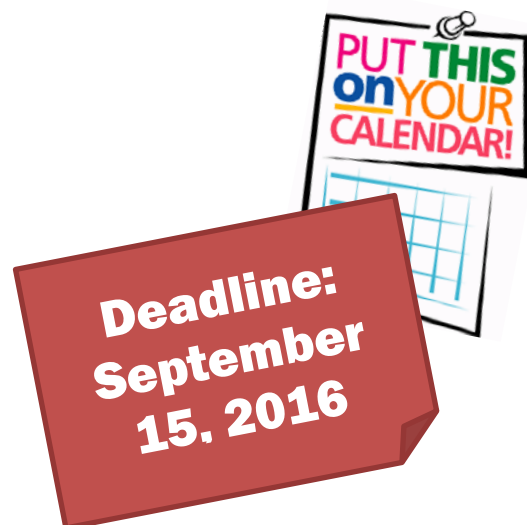
The IAMAS Early Career Scientist Medal was established in 2011 and is awarded biennially at the IAMAS/IUGG assemblies. It is to be awarded to an outstanding scientist who has carried out excellent scientific research and who had the potential to make a significant contribution in the future. Early career signifies a scientist who has earned their highest degree within the last 10 years and who is under 40 years of age when nominated. The IAMAS executive committee is now seeking nominations from the Commissions and Members at Large. A committee chaired by IAMAS Vice President Joyce Penner will be assembled to determine the next awardee, which will be awarded at the 2017 Cape Town IAPSO-IAMAS-IAGA Assembly.

Two-page nominations should consist of a list of accomplishments of the nominee as well as a list of significant publications. They are due September 15, 2016.

Submission to: Joyce Penner, Vice President, [penner@umich.edu](mailto:penner@umich.edu)

Terry Nakajima, Secretary General, [terry-nkj@nifty.com](mailto:terry-nkj@nifty.com)

Yoshi Sasaki, Assistant of SG, [sasaki.yoshinobu@jaxa.jp](mailto:sasaki.yoshinobu@jaxa.jp)



## IRC Symposium Report

The 2016 International Radiation Symposium organized by the IAMAS International Radiation Commission (IRC) was held in Auckland, New Zealand, between 16 and 22 April 2016. The venue of the symposium was in the Owen G Glenn building, which is a modern and efficient building for conferences. The parallel sessions took place side by side on the same floor. The participants were very satisfied with the facilities, which were conveniently located down town within walking distance from the hotels.

It attracted 272 delegates from 28 countries all over the world. A total of 344 papers encompassing 12 themes were presented at dedicated sessions over 5 days. Of these, 6 were keynote and award presentations in the plenary auditorium. The IRC gold medal winner was Prof. Teruyuki Nakajima in recognition of his outstanding contributions to radiative transfer, satellite remote sensing of clouds



Local organizer, Prof. Roger Davies



Banquet of the IRS symposium

and aerosols and aerosol impact on the earth's climate. The Young Scientist award was given to Dr. Zhibo Zhang at Univ. of Maryland for his important contributions to remote sensing problems related to clouds and aerosols.

The other 220 oral presentations were held over 3 parallel sessions and 118 posters were presented to the audience over 2 sessions during the symposium. Social events were also well attended, including an ice-breaker at the beginning on Saturday evening, a conference dinner with entertainment held in the Auckland Memorial Museum, a closing reception, and a group excursion to the Arataki Visitor Centre, Piha Beach and Waitakere Kauri forest. A longer summary of the symposium is being prepared for publication in the *Advances of Atmospheric Science (AAS) Journal*.

### *Proposal to host IAMAS Science Assembly 2021*

**The proposal for hosting the 2021 IAMAS Scientific Assembly is still open!**

The conditions for hosting an Assembly are:

- proposal from the national delegate
- Financial responsibility by the National Member Country
- Encouraging an inter-association assembly

We are sure that the 2021 assembly will also be of great value to the atmospheric sciences community. Could you therefore let us know any interest in your country to host the 2021 assembly? Further details on

hosting an assembly can be found in our statutes at [www.iamas.org /IAMAS\\_StatutesByLaws-2011.pdf](http://www.iamas.org/IAMAS_StatutesByLaws-2011.pdf).

Candidates who satisfy all conditions will be able to make a presentation on your country in Cape Town in 2017.



# News from Teodoro Georgiadis, Italian National Delegate

I'm pleased to inform IAMAS that, after three years of work, Italy has now, under the supervision of the Italian Permanent Representative at WMO, a certification scheme for Meteorologists and Technical Meteorological professionals due to Dekra an international Organization for professional certification. As part of the process, a representative of the international scientific associations will be involved, to guarantee the coherence to the International Scientific Association aims (as I already reported to IAMAS assembly in Davos), the Italian PR at WMO to assure the compliancy of the scheme to the WMO1082 recommendations, the Director of the area1 RTC-WMO to assure a proper accompanying-trail for professional training, an observer of the Italian forecasters and a representative of Dekra.

The Italian Geophysical Association (AGI which is a member of the European Meteorological Society) is changing its structure and statutes to be more adherent to the IAMAS model, to become more deeply part of the international scientific association life. The new name of the Italian association will be Italian Association for Meteorology and Atmospheric Sciences (IAMSA), and I hope that at the end of the whole process it will represent the Italian branch of IAMAS International.

Teodoro Georgiadis,

Italian National Delegate

## Forthcoming IAMAS-related meetings

✧ June 13-17, 2016

6th International HEPPA-SOLARIS  
Workshop

Helsinki, Finland

Web: <http://heppa-solaris-2016.fmi.fi/>



✧ August 19 - 31, 2016

XXXIV SCAR Meetings and Open Sciences  
Conference

Kuala Lumpur, Malaysia

Web: <http://scar2016.com/>



✧ July 25-29, 2016

17th International Conference  
on Clouds & Precipitation

Manchester, United Kingdom

Web: <http://www.meeting.co.uk/confercare/iccp2016/index.html>



✧ September 4-9, 2016

International Ozone Commission  
Quadrennial Ozone Symposium 2016

Edinburgh, United Kingdom

Web: <http://www.ozone-symposium-2016.org>



✧ July 30 -August 7, 2016

41st COSPAR (ICMA) Scientific Assembly

Istanbul, Turkey

Web: <https://www.cospar-assembly.org/>



### The IAMAS INFORMATION E-MAIL



**We welcome short reports from the Commissions at any time.**

**IAMAS, General Secretariat**

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