



IRS Business Meeting 2015


**29 June 12:00 – 13:30 at IUGG 2015
Prague, Czech Republic**



Welcome



- Attending Commissioners (attending list)



Prague, 29 June 2015

Attending List

IRC Business Meeting 2015 - Prague 29 June 2015, 12:00 – 13:30

Following IRC-Commissioners attended to the 2015 Business Meeting of the International Radiation commission:

Name	First Name	Institution	Signature
DAVIES	ROGER	U. of Auckland, NZ	<i>[Signature]</i>
PILEWSKIE	PETER	U. OF COLORADO, USA	<i>[Signature]</i>
SOHN	B.J.	U. of Seoul, Korea	<i>[Signature]</i>
KINNE	STEFAN	KFI - MET	<i>[Signature]</i>
LI	Zhengqiang	RADI, CAS, China	<i>[Signature]</i>
WILD	MARTIN	ETH ZÜRICH	<i>[Signature]</i>
ZHURAVLEVA	TATIANA	ZOEV Inst of Atm. Opt	<i>[Signature]</i>
TRISHCHENKO	Alexandra	Canada Centre for Health Science	<i>[Signature]</i>
Pfeifroth	Uwe	German Met. Service	<i>[Signature]</i>
COX	Steve	NASA/SSSI	<i>[Signature]</i>
Lu	Qaren	Inst. of Atm. Phys. CAS	<i>[Signature]</i>
Nakajima	Terugaki	JAXA/EORC	<i>[Signature]</i>
OREPOULOS	LAZAROS	NASA-GSFC	<i>[Signature]</i>
Schmidt	Klaus	PMOD/WRC	<i>[Signature]</i>

Visitor - Non IRC commissioner

Welcome



- Introduction of visitor

Werner Schmutz welcomes the former IRC president:

Prof. Teruyuki Nakajima

Teruyuki Nakajima is elected as the Secretary-General of IAMAS for the period of 2015-2019. The election was during the second IAMAS Executive Business Meeting (EC-2) on Friday 26 June at IUGG 2015.

Welcome



Approval of Agenda: **The agenda was approved**

1. *Welcome (Schmutz)*
Introduction of Commissioners and Guests
2. Approval of Agenda (Schmutz)
3. President's Report (Officers)
 - a) Remembrances
 - b) Treasurer's Report
 - c) Web site Update
 - d) Recent IRC Activities (Publications, Recommendations, Meetings)
4. Current Status of 2016 IRS (Roger Davies) 2016 IRC Business Meeting at IRS 2016
5. Working Group Status Updates (Pilewskie & Commissioners)
6. Highlights of IUGG Sessions of Interest (Contributed by Commissioners)
7. Report on IAMAS (Schmutz)
8. Other Business (Schmutz)

President's Report



In Remembrance:

No notification about former commissioners who passed away since last BM.

President's Report



Treasurer's Report (Peter Pilewskie):

2014-2015 Budget Summary All transaction amounts in USD

Roger Davies highlights that IRC may request IAMAS for financial support when necessary, IAMAS has a budget for supporting commissions.

Date	Transaction	Amount	Fees	Total
12/3/2013	Transfer from IRC Secretary Sohn	14255.00	-16.00	14239.00
14/8/2013	2013 IRC BM Food Payment	-850.69	-25.52	13362.79
18/3/2014	Proceeds from IRS 2012	6422.68		19785.47
30/6/2014	Cumulative Interest (30 June 2014)	8.67		19794.14
2/8/2014	Transfer to Sohn: web host payments	-291.08		19503.06
11/8/2014	2014 IRC BM Food Payment	-110.74		19392.32
31/5/2015	Cumulative Interest (31 May 2015)	6.56		19398.88

President's Report



Web Site:

- The Web-Site is now updated -> IRS2016, change of Rapporteurs
- Please advertise upcoming events on the IRC webpage (<http://www.irc-iamas.org/>)
by contacting Luca (legli@irc-iamas.org)

A screenshot of the International Radiation Commission website. The page features the IAMAS IRC logo, a navigation menu with links for Home, Organization, Working Groups, Symposia, Resources, and Awards. A 'News and Updates' section lists recent events such as ISARD 2013, IRS2012 Proceedings, and the 2012-2016 IRC Officers Election. A large photograph shows a group of people gathered in a courtyard. The footer includes the text 'Last Updated: May 28, 2013', the name 'Rabmasan Paul Probst', and a login form with fields for 'Username' (filled with 'luca') and 'Password', along with a 'Log in / Forget your password?' link and the IAMAS logo.

President's Report



Recent IRC Activities:

- Publications: No IRC publications
- Recommendations: No IRC recommendations
- Future Meetings:
IRS2016 in Auckland, New Zealand
(see presentations of Roger Davies, slides 10 – 27, and www.irs2016.org)
- Past meetings: COSPAR, Moskow 2-10 August 2014
(IRC BM 2014)

Status of IRS 2016



- Presentation by the chair of the Local Organizing Committee of IRS2016: **Roger Davies**, New Zealand.

The venue

- State-of-the-art conference facilities in the city centre





The venue

- Owen G. Glenn Building at the University of Auckland





Disabled Toilet	Toilets	Lifts
Lifts	Drinking Fountains	First Aid
	Assignment Drop Off / Collection	
	Bookshop	
	Case Rooms 1-4	
	Computer Laboratories 01 - 012	
	Lecture Theatre 260 - 098	
	Lecture Theatre 0GGB3	
	Lecture Theatre 0GGB4	
	Lecture Theatre 0GGB5	
	Media Studio	
	Photocopy Room	
	Support Services Help Desk	
	Tutorial Rooms 01 - 07	

The venue

- Equipped with the latest technology and teaching facilities. With five lecture theatres for up to 569 people, four 70-seat rooms and 16 seminar and meeting rooms.



Connected to the world



- 336+ weekly international flights into Auckland
- 18 international airlines fly direct from 32 cities around the world

2nd Announcement Imminent

- Sent to those who expressed interest: currently 274
 - *and to all on the original list who haven't expressed interest (yet)*
- Call for abstracts: due 1 October
- Registration opens
- List of session descriptions and conveners
- Requests for partial support solicited



IRS2016

International Radiation Symposium
16-22 April | Auckland, New Zealand



Publication/abstract Fees

- Abstract submission \$20NZ/abstract
- Publication in Proceedings (perpetual open access)
\$40US /paper



IRS2016

International Radiation Symposium
16-22 April | Auckland, New Zealand



Session number	Session title	Convener and co-conveners
1	Topical Union Session	Werner Schmutz (SUI) wschmutz@irc-iamas.org
2	Radiative Transfer Theory and Modeling	Bernhard Mayer (GER) bernhard.mayer@dlr.de Alexander Marshak (USA) Alexander.Marshak@nasa.gov
3	Particle Radiative Properties	Teruo Aoki (JPN) teaoki@mri-jma.go.jp Hiroshi Ishimoto (JPN) hiroishi@mri-jma.go.jp Paolo di Girolamo (ITA) paolo.digirolamo@unibas.it
4	General Remote Sensing	Allen Larar (USA) allen.m.larar@nasa.gov Bill Smith (USA) bill.l.smith@cox.net Carmine Serio (ITA) carmine.serio@unibas.it Daren Lu (CHN) ludr@mail.iap.ac.cn
5	Understanding Climate Using Satellite Data	Graeme Stephens (USA) Graeme.Stephens@jpl.nasa.gov Claudia Stubenrauch (FRA) stubenrauch@lmd.polytechnique.fr
6	Surface Measurements and Field Experiments	Bruce Forgan (AUS) B.Forgan@bom.gov.au Hayasaka Tadahiro (JPN) tadahiro@m.tohoku.ac.jp

7	Radiation Budget and Forcing	<p>Martin Wild (SUI) martin.wild@env.ethz.ch Peter Pilewskie (USA) peter.pilewskie@lasp.colorado.edu Arturo Sanchez-Lorenzo (ESP) arturo.sanchez@ipe.csic.es Stefan Kinne (GER) stefan.kinne@mpimet.mpg.de</p>
8	Weather, Climate and Environment Applications	<p>Allen Huang (USA) allenh@ssec.wisc.edu Zhang Hua (CHN) huazhang@cma.gov.cn</p>
9	Solar UV Radiation	<p>Mario Blumthaler (AUT) mario.blumthaler@i-med.ac.at Julian Groebner (SUI) julian.groebner@pmodwrc.ch Richard McKenzie (NZ) Richard.McKenzie@niwa.co.nz</p>
10	Ocean Optics	<p>Knut Stamnes (USA) Knut.Stamnes@stevens.edu</p>
11	Southern Ocean and Antarctica: Radiation, Clouds, Aerosols and Sea-Ice	<p>Roger Davies (NZ) r.davies@auckland.ac.nz Greg McFarquhar (USA) mcfarq@illinois.edu Adrian McDonald (NZ) adrian.mcdonald@canterbury.ac.nz</p>
12	Ice clouds: light scattering, remote sensing, radiation parameterization	<p>Ping Yang (USA) pyang@tamu.edu Anthony Baran (UK) anthony.baran@metoffice.gov.uk</p>

Session 2: **Radiative Transfer Theory and Modeling**

Conveners: **Bernhard Mayer**, Alexander Marshak

We invite papers on radiative transfer (RT) theory and its atmospheric and surface applications. We are interested in aspects of solar and infrared radiation and expect papers on methods for identifying errors and limits of various RT methods in climate and remote sensing studies. We strongly encourage papers on the use of RT theory for new and advanced active and passive remote sensing techniques including interpretation of hyperspectral measurements. Papers on modeling of cloud-aerosol interaction involving RT theory are very welcome. New technical approaches to interpret and analyze measurements of reflected, emitted, and scattered radiation in cloudy and clear atmospheres are also encouraged.

Session 3: **Particle Radiative Properties**

Conveners: **Teruo Aoki**, Paolo Di Girolamo, Hiroshi Ishimoto

The session aims to examine the current state-of-the-science and potential future directions in understanding and describing particle radiative properties excluding ice clouds, with a specific focus on theoretical, experimental and observational studies of atmospheric particle properties, both aerosols and cloud particles, and snow surface properties. Radiative properties such as extinction, scattering and absorption coefficients, single scattering albedo, asymmetry factor, and phase function of aerosol, cloud and snow particles in spectral regions from the ultraviolet to microwaves; relevant microphysical properties, like size distributions, refractive index, particle shape, mixture of components, particle hygroscopicity, effects of relative humidity and aerosol-snow interaction. Measuring methodologies, both in situ and remote, and temporal and spatial variations of these properties in the Earth's atmosphere are also important topics in this session. With respect to “ice clouds”, please see the separated session "Ice clouds: light scattering, radiometric & polarimetric remote sensing, and radiation parameterization".

Session 4: **General Remote Sensing**

Conveners: **Allen Larar**, Bill Smith, Carmine Serio, and Daren Lu

Advanced remote sensing measurement systems are being employed for observing a wide variety of geophysical variables from ground-, aircraft-, and satellite-based platforms. These enable a wide range of research and operational applications including retrievals of the state of the atmosphere-surface system, depiction of atmospheric dynamics at various scales, and atmospheric composition and air quality. The evolving capabilities to make observations with increasing spatial resolutions and coverage and with increasing spectral resolution help to improve scientific understanding of physical processes and improve quality of the remotely sensed geophysical variables. This in turn should lead to improved environmental prediction capabilities. Abstracts are solicited on the following and related general remote sensing topics:

- observations of atmospheric state and composition from ground-, aircraft-, and satellite-based remote sensing instruments;
- methods for retrieving geophysical parameters, the influence of a priori information, and corresponding error estimation;
- remote sensing data fusion (multi-sensor, multi-platform, passive and active, remote and in-situ), and the impact on information content;
- analysis of methods using the spectral, angular, temporal and polarization radiation characteristics;
- sounding of the troposphere, stratosphere, and upper non-LTE atmosphere;
- multi-dimensional soundings, such as tomography and other approaches, and their evolution in time;
- new measurement/instrument/platform concepts and prototype demonstrations;
- results from remote sensing experiment laboratory instruments: relevant measurements, instrument characterization and testing;
- calibration techniques (spectral, radiometric, and spatial);
- calibration reference systems, their realization and benefit to (global) remote sensing observations;
- new remote sensing data sampling, processing, and compression methods;
- measurement system validation (sensor, algorithms, and data products);
- results of airborne and ground-based satellite measurement calibration/validation campaigns;
- research and operational techniques for enhancing the value of remote sensing data in weather, climate, chemistry, and air quality analysis and prediction applications;

Session 7: **Radiation Budget and Forcing**

Conveners: **Martin Wild**, Peter Pilewski, Arturo Sanchez-Lorenzo, Stefan Kinne

The radiation budget is a key parameter of the Earth's climate system. Its components can be altered by anthropogenic and natural processes resulting in climate change. We invite papers on observations and modeling of the Earth and Surface Radiation budget as well as the variability of its components in space and time. We welcome papers which can improve our understanding and quantitative characterization of the radiative forcing by solar irradiance, atmospheric species, clouds and aerosol. Papers based on the comparison of the simulated radiation budget with observation data are encouraged. Special attention will be paid to the following key issues: the results of recent satellite experiments CERES and GERB; cloud, surface albedo and direct/indirect aerosol radiative forcing; uncertainties in the anthropogenic and natural forcing; validation of the Earth/Surface radiation budget retrieved from the data acquired by ground-based/satellite instruments as well as from climate simulations and reanalyses; and energy budget/water cycle interactions.

Session 8: **Weather, Climate and Environment Applications**

Conveners: **Allen Huang**, Zhang Hua

Session papers are solicited for topics, key issues, emerging, and innovative applications that are of interest to IRS but not limited to:

1. The use of radiation measurements to facilitate weather, climate and environment study, applications and forecasting.
Implementation, validation and comparison of radiative transfer parameterization within weather, climate, and environment models.
Technique and results of assimilating radiation quantities into weather, air quality forecast and climate models.
Impacts of radiative processes on weather, climate and climate forecasting and modeling.
The prediction and validation of radiation quantities from weather and climate models.
Verification of model simulations of radiation and other meteorological and climate variables.
Scaling of sub-grid radiative processes into large scale climate models (e.g. local aerosol sources, open leads in Arctic and Antarctic waters).
Role of radiation measurements in Air quality monitoring, modeling, and forecasting.
2. Radiative processes in weather, climate, and environment, and their consequences (e.g., cloud-climate interactions, aerosol-chemistry-climate interactions, atmosphere-ocean interactions)
Climate variations and changes due to natural and anthropogenic radiative forcings; climate feedbacks and sensitivity, global and regional changes, impacts on the hydrologic cycle, and comparisons of model simulations with observations.
Diagnostic analyses of the weather and climate system utilizing model simulations and observations (e.g., space-borne and ground-based) on a variety of spatial and temporal scales.
Specific radiative effects and interactions of aerosol, clouds and atmospheric gases in weather and climate modeling.
3. Global and regional radiation climatologies
Detection and characterization of climate trends/changes.
Regional trends/changes in radiation regimes and their environmental impacts.
Climate data record management, access, quality control, and stewardship.
4. Other topics such as
Design, development, and implementation of future weather/climate/environment sensor systems.
National and international weather/climate/environment research program and initiative
Other general climate studies that are related to climate variability and changes, such as those on climate analysis method, data quality, new data sets, observation systems, etc.
5. Other key issues, emerging and innovative applications such as
Improvements in weather, climate and air quality forecasts as a consequence of improved parameterization of radiative process guided by theoretical knowledge and observations.
Variations in radiation, hydrologic and other climate variables on timescales ranging from seasonal to interannual, and to interdecadal, with implications for climate sensitivity.
Impact of clouds, aerosol, greenhouse gases, and solar forcings on Earth's climate change, including comparisons of simulations with observations.
Growing needs for the long term high quality climate data records and improved climate sensor system and coordinated research and operational program.
Emerging applications in renewable energy management, hazard monitoring, carbon cycle, pollution and other real-time weather and environment events.
Leveraging High Performance Computing (HPC) for accelerated use of radiation measurements for various time consuming and complicated modeling, data assimilation and forecasts.

Session 9: **Solar UV Radiation**

Conveners: **Mario Blumthaler**, Julian Groebner, and Richard McKenzie

Papers are invited with the focus on: new systems and methods for determination of Solar UV radiation from ground and from space; development of UV instruments and networks; climatological and case study investigations of the spectral, temporal and spatial variability of solar UV radiation due to variable atmospheric conditions (e.g. aerosols, clouds, ozone); effects of solar UV on men (beneficial and harmful), biosphere and air chemistry.

Session 11: **Southern Ocean and Antarctica: Radiation, Clouds, Aerosols and Sea-Ice**

Conveners: **Roger Davies**, Greg McFarquhar, and Adrian McDonald

The Southern Ocean plays a key role in the global climate system through its interaction with Antarctica, and strongly affects the climate of all Southern Hemisphere land regions. It is extremely cloudy by global standards, and appears to have very high amounts of natural marine aerosol loading, yet has minimal contributions from anthropogenic aerosols compared to regions at equivalent latitudes in the Northern Hemisphere. The relative absence of conventional observations presents a challenge to the modeling of cloud-aerosol-radiative-sea ice interactions, and lowers the quality of reanalysis data for this region. Existing remote sensing observations and the limited in-situ data suggest that mixed-phase and supercooled clouds are ubiquitous, but models poorly represent these clouds, particularly in the cold sector of cyclonic storm systems. Thus, their radiative impact is largely unknown. We seek presentations that address the remote sensing of cloud, aerosol, sea-ice and related properties of this region, including Antarctica, as well as studies of radiative interactions in a broader context that help to advance our knowledge of Southern Ocean climate.



Budget Details: fixed



Budget Details: variable

Status of IRS 2016



- **Remarks of commissioners**
- Deadline for registration should be determined according to US and Canada needs (their administration need some time for approval of travel).
- Extra booking such as excursions etc. should be able with private credit card in a separate form.
- Accomodation: A list of hotels with possible reduced rates for conference attendees will be appreciated.

IRC Business Meeting



- Next IRC Business Meeting 2015:

IRS 2016 Auckland New Zealand (determined)

16-22 April 2016 (specific date will be communicated later)



IRS 2016

International Radiation Symposium
16-22 April | Auckland, New Zealand



Working Group Status



Peter Pilewskie:

- Update on WG status



Working Group Status Updates

Updates on two Working Groups that did not submit reports from 2013-14:

- Atmospheric Spectroscopy Applications (ASA)
- International Coordination group for Laser Atmospheric Studies (ICLAS)



Atmospheric Spectroscopy Applications (ASA)

Chair: Larry Rothman

Co-Chair: Alain Barbe

Major international conference every other year in Cambridge, MA, USA, or University of Reims in France.

For the past five years ASA conferences have been combined with the HITRAN biennial conference.

The previous meeting took place at the Harvard-Smithsonian in June 2014:

See <https://www.cfa.harvard.edu/hitran/13thHITRAN.html> for abstracts, presentations, and attendee list.

Prof. Alain Barbe is ASA co-chair.

Very good team to continue these efforts.

Dr. Maud Rotger of his group is now the focal point of the ASA part of this year's meeting in Reims.

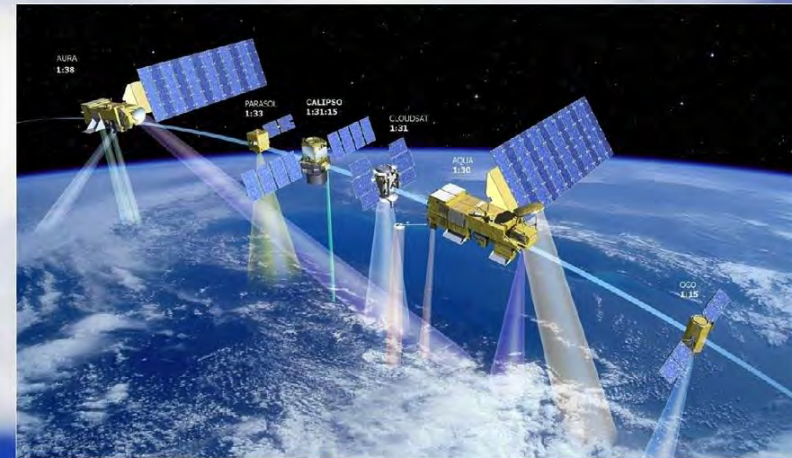


Atmospheric Spectroscopy Applications (ASA)

Next meeting:

24-26, August 2016, University of
Reims

~ 100 participants



**The ASA-HITRAN 2016 Congress
will be held at the University of Reims in France
August 24-26, 2016.**

**The event will focus on atmospheric
spectroscopy and its applications in Aeronomy,
Planetary Science, Database Management
Systems, and more.**

Contact: maud.rotger@univ-reims.fr

International Coordination group for Laser Atmospheric Studies (ICLAS)



ILRC 27 New York City

**The 27th International Laser Radar Conference
New York City, July 5-10 2015**



The 27th ILRC will take place in New York City and will be hosted by the National Oceanic and Atmospheric Administration (NOAA) Cooperative Remote Sensing Science and Technology (CREST) Center and the City College of the City University of New York. The conference venue is the historic Great Hall in the Shepard Hall of the City College of New York campus. The City College of New York is located in the northern part of the Manhattan island at 138th Street and Convent Ave, and is easily accessible from midtown and the area airports by various public and private transportation systems.

MEETING WEBSITE: ILRC27.org

ILRC 27 will cover a host of lidar related topics including

- Advances in lidar techniques and new methodologies
- Atmospheric winds and turbulence, and applications in wind energy
- Atmospheric boundary layer dynamics
- Advances in aerosol monitoring and retrievals
- Cloud detection, characterization and classification
- Aerosol direct and indirect effects and radiation budget
- Lidar for atmospheric trace gas monitoring (water vapor, ozone, CO₂, CH₄, and other GHGs)
- Tropospheric and lower stratospheric dynamics and transport
- Middle and upper atmosphere physics and chemistry
- Hazard monitoring (civilian and defense applications)
- Space-based missions and validation
- Coordinated lidar networks and applications
- Combining lidar measurements and analysis with other active and passive techniques
- Assimilation of observations into forecast models
- Lidar application to marine and ecosystem monitoring/classification
- Advances in ranging and applications
- Lidar applications to land surface monitoring (elevations and terrain maps, vegetation canopy, etc.)



International Coordination group for Laser Atmospheric Studies (ICLAS)



Steering Committee

- Fred Moshary -Co-Chair (City College of NY and NOAA CRE Center) moshary@ccny.cuny.edu
- M. Partick McCormick- Co-Chair (Hampton Univ. and NOAA CREST Center)*
- Xinzhao Chu (Univ of Colorado)
- Paolo Di Girolamo (Universita della Basilicata, Italy)
- R. Michael Hardesty (CIRES, U. of Colorado)
- Reza Khanbilvardi (City College of NY and NOAA CREST Center)
- Eduardo Landulfo (Instituto de Pesquisas Energéticas e Nucleares, Brazil)*
- Gelsomina Pappalardo (Institute of Methodologies for Environmental Analysis (CNR-IMAA), Italy)
- Upendra Singh (NASA LARC)*
- Kevin Strawbridge (Environment Canada)*
- Nobuo Sugimoto (National Inst. for Environmental Studies, Japan)
- Ulla Wandinger (Leibniz Institute for Tropospheric Research, Germany)

Industry Liaison

Mark Arend (City College of NY and NOAA CREST Center)
marend@ccny.cuny.edu
Ruben Delgado (UMBC and NOAA CREST Center)
delgado@umbc.edu

Other Contacts

General Inquiries: ilrc27ny@gmail.com
Shakila Merchant (Administrative Director of NOAA CREST Center)
smerchant@ccny.cuny.edu

ICLAS Executive Committee

- Upendra N. Singh, President (NASA LARC)
- Robert T. Menzies, Past President (NASA JPL)
- M. Partick McCormick- Treasurer (Hampton Univ.)

Program Committee

- Barry Gross-Chair (City College of NY and NOAA CREST Center)
gross@ccny.cuny.edu
- Andreas Behrendt (Universitaet Hohenheim, Germany)*
- Sergey Bobrovnikov (Institute of Atmospheric Optics)*
- Ronald Calhoun (Arizona State U)
- Adolfo Comeron (Universitat Politècnica de Catalunya, Barcelona Spain)
- Ruben Delgado (UMBC and NOAA CREST Center)
- Belay Demoz (UMBC)
- Ferdinando De Tomasi (Universita' del Salento, Italy)*
- Edwin Eloranta (Space Science and Engineering Center, U. Wisconsin)
- Jonathan Freedman (Arecibo National Observatory)
- Bruce Gentry (NASA GSFC)
- Gary Gimmetad (Georgia Tech.)
- Floyd Hovis (Fibertek)
- Robert Menzies (NASA JPL)
- Dellef Muller (University of Hertfordshire, UK)
- Michael Newchurch (Univ. of Alabama Huntsville)
- Doina Nicolae (National Inst. of R & D for Optoelectronics, Romania)*
- Alexandros Papayannis (Nat. Technical University of Athens, Greece)*
- Joseph Shaw (Montana State U)
- Christoph Senff (NOAA ESRL)*
- Anne Grete Straume-Lindner (ESA – ESTEC, Netherlands)
- Sara Tucker (Ball Aerospace)
- Igor Veselovskii (Physics Instrumentation Center, Troitsk, Moscow)
- Yingjian Wang (Anhui Institute of Optics and Fine Mechanics, China)*
- Stuart Young (CSIRO Marine and Atmospheric Research, Australia)

--To Propose special sessions and themes, contact Dr. Barry Gross, Chair of the Program Committee

* ICLAS member



International Coordination group for Laser Atmospheric Studies (ICLAS)



From ICLAS Member Christoph Senff:

ICLAS is still alive. I know that one of our former ICLAS members, Paolo diGirolamo, attended an IRC meeting a few years back. He rotated off the ICLAS in 2012 and it appears that no one from the ICLAS has been in contact with the IRC since.

The ICLAS will meet in 2 weeks at the upcoming International Laser Radar Conference (ILRC) and I will bring this issue to everybody's attention.

Working Group Status



Attending commissioners propose updates, changes or new working groups:

Decision:

IRC will wait until further response of the working groups . Elswise a cancellation of the WG will be decided at the BM 2016 in Auckland (at IRS 2016).

Highlights of IUGG



Commisioner's summaries and recommendations:

No summaries or highlight of IUGG communicated.

Report on IAMAS



- EC-Meeting at IUGG 2015 (23 Thursday & Friday 26)
- Farewell for former IAMAS president **Athena Coustenis** and former General Secretary **Hans Volkert**.
- Election of new IAMAS president **John Turner** and new Secretary-General **Prof. Teruyuki Nakajima**.
- Discussion of a resolution for IUGG (the resolution will be discussed in future).
- Next IAMAS meeting will be at the joint assembly of IAGA-IAMAS-IAPSO in Capetown South Africa 26 August – 2 September 2017.

IRC commissioners are encouraged to send proposals to convene sessions at this assembly to the IRC president (wschmutz@irc-iamas.org).

Other Business



B.J. Sohn presents the IRC awards at IRS 2016

See following slides

2015 IRC Business Meeting

Selection of Awards Committee

- i. Gold medal (1)
- ii. Young Scientist (1 or 2)

B.J. Sohn, SNU/Seoul Korea
IRC Vice-president

IUGG Prague, June 29, 2015

Types of Award

IRC Gold Medal: This award is designed to honor a senior scientist who has made contributions of lasting significance to the field of radiation research.

IRC Young* Scientist Award: This award consists of a \$1000 cash award to a young scientist who has made recent noteworthy contributions to radiation studies and is regarded as having great potential to become a leading radiation scientist in the future.

- * Guidelines suggest that candidates for the young scientist award be
- (a) within 10 years of having received the PhD degree;
 - (b) under 40 years of age.
- at the time of nomination.

Medal



Busan 2004 : Richard Goody

Iguazu 2008 : Grame Stephens

Berlin 2012 : Kuo-Nan Liou

Nomination

Candidates for the awards are to be nominated by IRC members.

The nomination package is to consist of
–the candidate's CV, and
–letter of recommendation
from the proposing IRC member.

The nomination package should be sent to the
→ IRC Vice President
(copied to the IRC Secretary).

Award Committee

The selection of the prize winners is performed by the IRC Awards Committee consisting of:

- IRC officers;
- 2 former IRC presidents;
- 2 senior scientists.

The Committee is chaired by the IRC Vice President.

The members are appointed by the Vice President in consultation with the two other IRC officers.

IRC members can propose members for the Awards Committee to the IRC Vice President.

Award Ceremony

The Awards Ceremony will take place during the quadrennial International Radiation Symposium.

→ IRS 2016 in Auckland

The awardees are expected to present a lecture as part of the ceremony.

Timeline

July 1 - Sept 1, 2015:

Organizing the Committee (3 IRC officers, 2 Former Presidents, 2 Senior scientists)

Sept 1, 2015: Call for awards

Oct 15, 2015: Recommendation closed

Nov 30, 2015: Selection completed

Dec 15, 2015: Notification



IRC Business Meeting 2015 closed