



Minutes of Meeting

Meeting Name	:	Business Meeting of the International Radiation Commission Chaired by T. Nakajima (President), R. Cahalan (acting Vice President), C. Serio (Secretary)
Meeting Reference	:	Business Meeting/held during the 12th AMS Conference on Atmospheric Radiation
Date(s) of Meeting	:	11 July 2006
Place of Meeting	:	Hosted by SSEC University of Wisconsin at Hilton Monona Terrace
Minute Taker	:	Carmine Serio
Participants	:	see Annex 2
Distribution	:	Participants + IRC members who did not attend
Attachments	:	Annex 1, Annex 2

1. Introduction

These minutes summarize the IRC business meeting held in Madison on July the 11th 2006 on occasion of the AMS 12th Conference on Atmospheric Radiation, July 10-14 Madison, Wisconsin, US. The minutes and the annexed documents will be made available at the IRC website: <http://www.irc-iamas.org/>. The agenda of the meeting is included as Annex 1.

2. Meeting

The meeting was opened at 6 p.m. by the President, T. Nakajima who welcomed participants and before passing to the point 1 of the agenda, he informed that Robert Cahalan will temporarily serve for Bob Ellingson as IRC Vice President.

First Point 1: Status report of IRC activities in 2006

The President T. Nakajima reported about the IRC activities in 2006. His report is summarized in the following.



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The last IRC business meeting was held on May 8, 2005 during the IAMAS Conference in Beijing.

IRC was asked to contribute and organize sessions within IUGG to be held in Perugia, in 2007. The following symposia have been proposed by IRC in collaboration with other IAMAS Commissions (listed in brackets in what follows)

JM25: 3D Radiative Transfer in Complex Geophysical Media Including Clouds, Vegetation, Ice and Snow (IAMAS, IAHS, UCCS); IRC conveners: Robert F. Cahalan, Bernhard Mayer.

JM03: Satellite Observations: Products and Applications (IAMAS, IAG, IAGA, IAHS, IAPSO, UCCS); IRC conveners: Hung Lung Allen Huang, Michael D. King.

M03: Aerosols, Radiation and Clouds (IRC, ICCP, ICACGP); IRC conveners: Teruyuki (Terry) Nakajima, Guang-Yu Shi.

M20: Solar Activity and its Influences on the Earth's Weather and Climate (IRC); IRC conveners: Werner Schmutz

In the last six months two IRC members (Guy Rochard, Dec. 2005 and Kirill Kondratyev, May 2006) passed away. The President took actions in order to prepare appropriate tributes, which now can be found at the IRC web site. An obituary notice has been prepared for Kirill Kondratyev, which will be sent for publication to an appropriate science magazine.

Particular actions have been taken for the organization of IRS 2008. At the last Business Meeting in Beijing three site venues and related pre-proposals were presented:

Lille, France, by Michel Legrand

Matera, Italy, by P. Di. Girolamo

Brazil, by V. Martin

At that time it was decided to consider the following criteria for the final venue decision:

- Geographical balance. IRS already has visited areas such as North America, Europe, and Asia; therefore, other areas should now have a priority.
- In the past, possible synergy with other symposia, such as the International Ozone Symposium and the Cloud Symposium, have been considered. Although it is understood that the present busy situation of many conferences makes it difficult to take this arrangement into consideration.

To help and guide IRC members for their future decision about the various proposals, a list was made about the past IRS venues

- 1972 (Sendai), 1976 (Garmisch-Partenkirchen), 1980 (Fort Collins), 1984 (Perugia), 1988 (Lille), 1992 (Tallin), 1996 (Fair Banks), 2000 (St. Petersburg), and 2004 (Busan).

In addition, at the meeting in Beijing it was agreed to go through the following process for organizing IRS2008:



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- Presentation and discussion of final proposals at the 2006 IRC business meeting.
- Final decision for the site venue just after the 2006 business meeting by voting.
- Session organization and IRC gold medal and young scientist award selection process to begin after the venue decision.

Moving ahead in his report, President Nakajima encouraged Working Group (WG) Chairs and Rapporteurs (RP) to link their webpage to the IRC webpage for a better circulation of information. He also summarized that at the moment there are 6 WG s and 5 RPs acting within IRC. They are listed below along with chair person/s

WG ITWG: Tom Achtor and Roger Saunders
WG ICRCCM: Robert Ellingson
WG ICLAS: Robert Menzies
WG ASA: Laurence Rothman
WG RSMA : Yuriy M. Timofeyev
WG 3DRT: Robert F. Cahalan
RP Cloud and Radiation: Thomas P. Ackerman
RP UV-B : Paul Simon
RP BSRN: Atsumu Ohumura
RP GRP: William B. Rossow

After that, President Nakajima informed members that the publication of the Proceedings of IRS 2004 by Deepak Publishing Co. is in its last stage. Finally, because of the evident closeness to IRC, he announced that the next three Business Meetings will be held during

IUGG 2007, Perugia, Italy
IRS2008, venue to be decided
IAMAS 2009, Montreal, Canada

Second Point: Financial account report

Vice President R. Cahalan showed the message he received by H. Fischer, which is here reproduced.

from Herbert Fisher:

... The amount of money at the IRC bank account has not changed since IRS 2004. Up to now it was not possible to finalize the expenditures for IRS 2004. On the other hand I expect that I will not need money from the IRC bank account for paying for the proceedings (provided DoE will support our proceedings as promised). Amount of money in the moment: 16,341.75 Eur. As mentioned recently, somebody of the IRC officers should take over the IRC money when I have finished the business with the IRS 2004 proceedings.



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Third Point: Discussion for the venue of IRS2008

President Nakajima invited members to present their proposal for the venue of IRS2008. By a short round among the attendees it was realized that there was no new proposal in addition to the three from France, Italy and Brazil.

For the *French proposal*, Michel Legrand reported. He made a very comprehensive presentation which was congratulated from the attendees.

The *Italian proposal* was updated by Carmine Serio. He said that the proposal is suffering from the lack of main sponsors, such as the Italian Space Agency and the National Research Council. This is because most of the Italian Agencies, acting in contexts close to atmospheric sciences, are in the process of renewing their officers and Council Boards. This situation will put some risks on a successful definition of the Italian proposal. Because of these risks and because it would be not appropriate, at this stage, to potentially penalize proposals, which as that presented by France, are really in good shape, Carmine Serio announced that the Italian proposal was withdrawn

On behalf of J.V. Martins the *Brazilian proposal* was presented by R. Cahalan who made a very detailed presentation.

Both proposals were congratulated by the President and attendees. From the general discussion, the need of a better harmonization between the two proposals was felt to be desirable. With a better harmonization the two proposal would be compared on a sort of common basis.

President Nakajima and others among attendees asked *Brazilians* to conform their proposal to the French one, as far as the breakdown structure of the estimated spending was concerned.

In the end it was agreed to allow both promoters to have some further iterations on their proposals before presenting them for the final vote to the IRC community.

Fourth Point: Reports from working groups.

The Secretary reported that after the last call for the present Business Meeting there have been only 3 chairs replying positively, which in addition to Dr William B. Rossow, who was attending the meeting, summed up to a potential of four presentation for the day. After checking with participants to the Business Meeting four people agreed to report, who are listed in the table shown below, which is current to the date of the meeting.

After the Secretary's introduction, **Dr William B. Rossow** reported on the GRB working group activity. The presentation was appreciated and congratulated from the attendees. He was also asked to produce in the near future a written version of his report, to be uploaded on the IRC website.

Dr Robert F. Cahalan reported on the activity of the **3DRT** working group. His ppt presentation will be soon available on the IRC website. The presentation was appreciated and congratulated from the attendees.

Dr Thomas Ahtor reported on the **ITWG** working group activity. The report will be made soon available on the IRC web site. The presentation was appreciated and congratulated from the attendees.

Dr Tadahihiro Hayasaka reported on the LASR activity. His ppt presentation will be soon available on the IRC website. The presentation was appreciated and congratulated from the attendees.

As a general remark it was stressed that working group chairs should use the IRC home page to distribute their conference information. The IRC web page is also traced from IAMAS homepage.



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Chair (WG/RP)	Status
Robert Ellingson, (WG ICRCCM)	
Paul Simon, (RP UV-B)	
Yurij M. Timofeyev, (WG RSMA)	
Atsumu Ohumura, (RP BSRN)	
Laurence Rothman, (WG ASA)	
Robert F. Cahalan, (WG 3DRT)	Report today
Roger Saunders/Tom Achtor, (ITSC/ ITWG)	Report today
Robert Menzies, (WG ICLAS)	
Thomas P. Ackerman, (RP Cloud and Radiation)	
William B. Rossow, (RP GRB)	Report today
T. Hayasaka, (WG LASR)	Report today

Fifth Point: Others

There was nothing else to discuss and the meeting was closed at 9 p.m.



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ANNEX 1: Meeting Agenda

1. **Status report of IRC activities in 2006**
2. **Financial account report**
3. **Discussion for the venue of IRS2008**
4. **Working group reports**
5. **Others**



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ANNEX 2: Participants List

Name	Affiliation
Achter, T.	CIMSS/SSEC University of Wisconsin
Annegarn H.	University of Johannesburg, South Africa
Cahalan, R.	NASA/GSFC
Hayasaka, T.	RIHN, Kyoto, Japan
Huang, A.	CIMSS/SSEC University of Wisconsin
King, M.	NASA/GSFC
Larar, A.	NASA/LaRC
Legrand, M.	University of Lille, France
Marshak, A.	NASA/GSFC
Mayer, B.	DLR, Germany
Menzel, P.	NOAA
Nakajima, T.	Center for Climate System Research, The University of Tokyo, Japan
Rossow, W.B.	NASA/GISS
Serio, C.	University of Basilicata, DIFA, Italy
Simmer, C.	University of Bonn, Germany
Sohn, B.J.	SNU, Korea
Stuhlmann, R.	EUMETSAT