



SECOND CIRCULAR

THE 19th INTERNATIONAL TOVS STUDY CONFERENCE

Dear Colleague:

In 8 months' time the International TOVS Working Group (ITWG) will be meeting again (26 March – 1 April 2014), this time at Jeju Island, South Korea, and hosted by Korea Meteorological Administration (KMA) (<http://cimss.ssec.wisc.edu/itwg/itsc/itsc19/index.html>).

The purpose of this Second Circular is to invite you to let us know if you plan to attend ITSC-19, and also to submit abstracts to the conference by completing the attendance and abstract form available on the web (<http://cimss.ssec.wisc.edu/itwg/itsc/itsc19/register/>). We would appreciate your early response if you plan to attend.

When you register, please also indicate what weekend social activities may interest you. KMA is hosting these activities, and they are summarized on the website.

Call for abstracts

- If you wish to give an oral or poster presentation at ITSC-19, please provide your abstract before the 15 December 2013 deadline, and indicate whether you would prefer an oral or poster presentation (or both). Following feedback from ITSC-18, we will not make large changes to the structure this time, but we will need to reduce the number of longer oral presentations from 60 to around 50. However every poster presenter will be able to make a short introductory oral presentation to maximize the poster exposure. We will make every effort to accommodate your preference, and will let you know by 18 January 2014 if your presentation is poster or oral. Nobody will be allowed more than one oral presentation. We are again planning two poster sessions for this meeting to accommodate the growing number of posters and we additionally invite posters on status of the operational NWP centres and space agencies. We feel the poster sessions have been very productive and we will work to continue improving their effectiveness.
- Authors are strongly encouraged to submit a conference paper. This needs to be done in a timely manner before or shortly after the conference. We would like to increase the number of papers submitted as the proceedings form a useful record of the state of the art at each meeting. We may consider some new incentives! The format for the papers will be provided in the next circular.
- Following the conference, an electronic copy of the Working Group Report and proceedings will be published on the internet. Your oral and poster PowerPoint presentations submitted to us in

electronic form will be made viewable on the ITWG web site (as .pdf files, or with your approval, as .ppt files, if animation is part of the presentation).

Accommodations

The deadline for making hotel reservations is 10 February 2014. Please fax reservation forms to minimize exposure of your credit card. Email addresses are provided for questions only.

The conference hotel is Lotte Hotel (<http://www.lottehoteljeju.com/en/index.asp?lang=English>). Reservations can be made by filling out the Lotte Hotel reservation form (available on the ITSC-19 Web site) and submitting the form to Dohyeong Kim (dkim@kma.go.kr) and Tae-Hyeong Oh (hyoung0203@korea.kr), Fax #+82-43-717-0210; and the Lotte Hotel (Ms. Hye-Jin Kim, hoteljeju@lotte.net, Fax #82-2-779-1353) with your preference. The rate shown below is after VAT and service charge and includes breakfast.

Room Type	Block available	Rate	Bed Type
Superior Mountain	50	210,000 KRW / \$184 US / 141.87€	Double or Twin
Superior Lake	100	210,000 KRW / \$184 US / 141.87€	Double or Twin

There is an alternate hotel: Jeju Hana Hotel (http://www.hotelhana.co.kr/html/eng/in_010.asp). This hotel is approximately a 10-minute walk from the conference site. The price listed is after VAT and service charge. Breakfast is not included in the hotel rate but available for 10,000 KRW. Reservations can be made by filling out the Jeju Hana Hotel reservation form (available on the ITSC-19 Web site) and submitting the form to Dohyeong Kim (dkim@kma.go.kr), Tae-Hyeong Oh (hyoung0203@korea.kr) and the Hana Hotel (Mr. Youngman Her, hotelhana@hotmail.com, Fax +82-64-738-7015) with your preference.

Room Type	Block available	Rate
Double	5	100,000 KRW / \$88 US / 67.56€
Twin	35	100,000 KRW / \$88 US / 67.56€
Deluxe Double	5	120,000 KRW / \$105 US / 81.07€
Ondol Suite	5 (4 people)	140,000 KRW / \$123 US / 94.58€

The conversions to US \$ and Euros are based on the exchanges rates from 5 July 2013.

Conference Registration Fee

It is anticipated there will be a registration fee for the conference. For those paying before 31 January a special early registration fee of \$250 (US) will be collected. After 31 January, registration will then cost \$350 (US). Instructions on how to pay online will be provided separately in the 3rd circular.

If you pay the registration fee at the conference, the cost will \$400 (US), which you must pay by credit card; there will be no cash option.

We are pleased to announce that KMA will cover lunches, the icebreaker, two dinners, plus the weekend social activities.

Visa Applications

For those conference attendees who will need a visa to enter the Republic of Korea, please contact the local organisers in order to obtain a letter of invitation:

- Dohyeong Kim (dkim@kma.go.kr)
- Tae-Hyeong Oh (hyoung0203@korea.kr)

Travel to Jeju Island

Further information on how to get to Jeju Island is available from the ITSC-19 Web page (<http://cimss.ssec.wisc.edu/itwg/itsc/itsc19/transportation.html>).

Important Dates

3rd Circular	15 November 2013 (last call for abstracts)
Abstracts deadline	15 December 2013
Draft Program	18 January 2014
Deadline for US\$250 registration fee	31 January 2014
Hotel Room reservation deadline	10 February 2014
Final Program	15 February 2014
Deadline for US\$350 registration fee	1 March 2014
ITSC-19	26-March to 1 April 2014

The on-site registration fee will be \$400 US, collected by credit card using the on-line payment form at an on-site computer. There will be no cash option.

Conference Topics

- Preparations for and early results from FY3-C and Meteor-3M data;
- Updates on operational processing and the exploitation of ATOVS, ATMS, SSMIS and hyperspectral sounder data (AIRS, IASI, CrIS);
- New applications of microwave and infrared sounder data in numerical weather prediction and nowcasting (e.g., new assimilation techniques, bias tuning, use of cloudy radiances), including blended products from polar orbiting and geostationary satellites;
- Use of microwave and infrared sounder data over land and ice surfaces;

- Generation of geophysical parameters with emphasis on surface emissivity, cloud, and precipitation;
- Applications of microwave and infrared sounder data in climate monitoring and GCOS activities;
- Direct readout software and retransmission services;
- Studies and results for new and future infrared and microwave sounders. Examples include MIS, SAPHIR and MADRAS on Megha Tropiques, geostationary hyperspectral sounders, and others; and
- Updates on Satellite Programs and International Coordination (WMO, CGMS).

Other important and related issues include the validation and tuning of radiative transfer models, surface models, direct broadcast and community software, especially for METOP, Suomi NPP, JPSS, FY3, METEOR-3M, retransmission of geostationary satellites, satellite sounding requirements for GEOSS, absolute calibration and cross-calibration of the global satellite observing system.

Papers on these and related topics will be welcome.

The working groups will review issues and provide recommendations and actions related to:

- (i) the exploitation of sounder data for data assimilation / NWP
- (ii) climate applications of satellite sounder data
- (iii) satellite sounder science, products and applications, including community software for direct readout stations
- (iv) radiative transfer and surface property models
- (v) advanced sounders
- (vi) international co-ordination, including frequency protection

A report of the working group discussions and actions will be prepared after the meeting for consideration by WMO, the space agencies and users.

Financial Support

We will be able to offer limited financial support to a small number of participants needing assistance to attend the conference. If you anticipate the need for travel assistance, please contact us as soon as possible, indicating your likely needs. Note that financial support usually goes first to people making a formal contribution to the event. We will consider all bids for financial support in December and requests made after that time are very unlikely to be supported. Note that for those receiving support we will purchase air tickets or assist with the hotel cost. No reimbursements will be made.

ITWG Web site

All information related to ITSC-19 will be posted on the ITWG Web site at:
<http://cimss.ssec.wisc.edu/itwg/itsc/itsc19/index.html>

If you have any science or news items of interest to the ITWG membership which you would like to share with the community, please send them to our Web Master or contact the Co-Chairs, and we shall try to include them in the Web page contents.

Mailing List

It is important to continuously maintain and update the ITWG mailing list. It would help us greatly in keeping our mailing list up-to-date if you could notify us, without delay, of any changes.

Previous Reports and Publications

Reports from all meetings are available from the web page.

Concluding Remarks

The Co-Chairs serve to further the activities of the ITWG. We welcome your comments on the issues above or other topics. Please send questions and comments to both Co-Chairs at the addresses below, or use the link on the ITWG Web Page. Please forward this circular to any others you think may be interested. We hope to see you at ITSC-19.

Yours sincerely,

Niels Bormann and Mitch Goldberg
ITWG Co-Chairs



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