

# International Cooperative for Aerosol Prediction (ICAP) 11th working group meeting: Utilization of the new observations from the new generation of GEO and LEO

## Meeting Organizers and POCs:

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## When and where:

22 - 24 July 2019, Tsukuba City, Ibaraki, Japan.

Meeting hosted at: Tsukuba International Congress Center (<https://www.epochal.or.jp/eng/>). Travel Information to follow.

## ICAP Website:

<http://icap.atmos.und.edu/>

## Rationale:

The International Cooperative for Aerosol Prediction is a grassroots community of aerosol modellers and data providers that provides a forum to discuss best practices and find optimal common solutions to the challenges of operational global aerosol prediction. ICAP meetings are functional operational working groups used to plan and coordinate global operational aerosol forecasting endeavours such as the ICAP multi-model ensemble (Sessions et al. 2015; Xian et al. 2019), and discuss particular themes of interest.

The arrival of high-quality, high time frequency aerosol observations from geostationary platforms such as Himawari-8 and GOES-16 presents new opportunities and challenges to the aerosol prediction community. How much data is practically available from these sensors? How do we assure the quality and consistency of these datasets both internally and across platforms? How are these data to be utilized with an evolving set of LEO sensors to provide the best constraints on global aerosol forecasting systems?

The purpose of this 11th Working Group Meeting of the International Cooperative for Aerosol Prediction (ICAP) is to review the state of the art in aerosol remote sensing, particularly as relates to these new geostationary capabilities and how they are used in conjunction with long established ground- and LEO observing systems to inform aerosol data assimilation systems. Expert talks will be invited related to aerosol remote sensing, data assimilation, and modeling, and the meeting will as well update on the progress of the individual aerosol modeling centers.

## Who may attend:

Meetings and presentations are by invitation only by core member organizations and their operational partners. Applications are also received for a limited number of observers who have a direct stake in the proceedings. If you believe an appropriate invitation has been overlooked or you wish to apply for

observer status, please contact the meeting organizers or a core member for sponsorship. Core modelling development organizations include: BSC, ECMWF, JMA, NASA GMAO, NOAA NCEP, NRL, UKMO, MétéoFrance and FMI. Core remote sensing partners are from ESA, EUMETSAT, JAXA, and NASA.

## **Format:**

ICAP is a technical working group and not a conference. Much time will be devoted to discussion and action planning. A tentative schedule is:

Day 1: Summaries of recent developments by core ICAP centers

Day 2 AM: Summaries and updates by core remote sensing partners.

Day 2 PM: Current state of the new generation satellite data

Day 3: Final discussion

## **Invited Speakers:**

To be determined.

## **Meeting Location:**

The meeting is held at the Tsukuba International Congress Center (Epochal Tsukuba), in Tsukuba, Japan.

Address: 2-20-3, Takezono, Tsukuba, Ibaraki, 305-0032, Japan

Tel: +81-29(861)0001

Fax: +81-29(861)1209

Website of the facility can be found at: <http://www.epochal.or.jp/eng/>

[Link to Google maps](#)

## **Getting to Tsukuba City:**

The closest international airport is Narita International Airport. From Narita to Tsukuba, you can take either train or bus. The easiest way is to take an express bus that runs directly from Narita airport to Tsukuba station by the Keisei Express Line. For further information, please visit following sites.

<https://www.epochal.or.jp/eng/access/index.html>

<http://access.narita-airport.jp/en/index.html>

## **Hotel Information:**

Several hotels are available near the Tsukuba International Congress Center. We recommend that you reserve a hotel within a walking distance because the public transportations in Tsukuba are not so convenient.

**Okura Frontier Hotel Tsukuba EPOCHAL** <https://www.okura-tsukuba.co.jp/eng/>

This hotel is directly connected to the congress center. **This is the most convenient.**

**Okura Frontier Hotel Tsukuba** <https://www.okura-tsukuba.co.jp/eng/>

This hotel is located near Tsukuba station. About 8-minute walk to the congress center.

**Daiwa Roynet Hotel Tsukuba** <http://www.daiwaroynet.jp/english/index.html>

A relatively new hotel. Near Tsukuba station About 10-minute walk to the congress center.

**Hotel Grand Shinonome** <https://www.hg-shinonome.co.jp/english/>

A traditional Japanese style hotel. About 13-minute walk.

For further information, please visit the “Hotel and Inn” guide of the Tsukuba International Congress Center website: <https://www.epochal.or.jp/eng/hotels/index.html>

## **Points of Contact:**

Questions regarding travel, meeting organization and format can be directed to

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## **Registration Fee:**

None requested.

## **Registration Deadline:**

Please submit your intention to participate by **31 May 2019** to the Meeting Organizers and POCs. Late registrations will still be accepted, but we need a head count.