



FIRST ANNOUNCEMENT

SIXTEENTH INTERNATIONAL WINDS WORKSHOP

8 May – 12 May 2023

Montreal, Canada

One of the key meteorological parameters for weather forecasting, meteorological studies and climate applications is wind. It has therefore been a major task for the science and operational community to exploit the imagery data from satellites in order to derive Atmospheric Motion Vectors (AMVs) by tracking observed cloud and moisture features. The globally derived AMV fields are an established and essential product, especially for numerical weather prediction, and are today complemented by an increasing amount of other satellite-based observations of the atmospheric flow. The biennial International Winds Workshops provide a forum for the International Winds Working Group (IWWG) to co-operate in the operational and research community, and strongly contributes to the improvement in quality of the derived wind fields.

Preparations for the Sixteenth International Winds Workshop, IWW16, are underway. This workshop will take place in Montreal, Canada at Université du Québec à Montréal (UQAM). Dr. Stéphane Laroche is facilitating the arrangements for this meeting on behalf of the organizing committee members. The workshop is being co-organized by Environment and Climate Change Canada (ECCC), EUMETSAT, and the University of Wisconsin, (UW)/Space Science and Engineering Center (SSEC) and is co-sponsored by EUMETSAT, NOAA/NESDIS, the World Meteorological Organization (WMO) and UQAM.

The Workshop is an opportunity to present advances and new ideas in this specialised field. We therefore encourage participation from all organisations operating meteorological satellites, as well as from data users and the science community. Presentations on operational and experimental wind retrievals from satellite instrument data and their use for Numerical Weather Prediction, nowcasting, or in climatological applications are welcome. This includes wind retrievals from active and passive microwave instruments and active optical systems such as Aeolus.

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You are cordially invited to submit a brief abstract for an oral presentation and/or a poster presentation at the Workshop. There may also be an opportunity for some longer keynote presentations within the agenda. Abstracts should be emailed to the IWWG Co-Chairs together with the attached registration form. If you do not wish to make a presentation please mention this on your registration form. The abstract should be in English, approximately one half of an A4 page and provided in electronic form (WORD, RTF or simple text format). The deadline for the receipt of abstracts and registration is **16 December 2022**.

Workshop proceedings will be prepared and placed online shortly after the meeting.

Limited funds are available to help support travel costs and per diem for selected speakers. Financial requests should be addressed to Dr. Régis Borde and Mr. Steve Wanzong (email addresses as shown on the registration form) by **16 December 2022**.

The Workshop will take place at UQAM in Montreal, Canada.

Further information about the workshop, including hotel accommodations and visa requirements, will be provided in a second announcement which we plan to send out in December. The information will also be made available on a workshop web page, which will be linked from the IWWG web page at <http://cimss.ssec.wisc.edu/iwwg/iwwg.html>.

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I wish to participate in the above Workshop, and make a presentation on the following topic:

AUTHOR's NAME:

AFFILIATION AND FULL POSTAL ADDRESS:

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Telephone No.:

e-mail:

TITLE OF PRESENTATION:

Oral or Poster Presentation:

In Person or Remote Participation:

Please use a separate sheet for the ABSTRACT, following attached model.

Please return this registration form, together with the Abstract, as soon as possible and no later than 16 December 2022 to the co-chairs:

Mr Steve Wanzong
IWWG Co-Chair:
UW Madison/SSEC/CIMSS
Email: steveuw@ssec.wisc.edu

Dr. Régis Borde
IWWG Co-Chair
Eumetsat
Email: Regis.Borde@eumetsat.int

