

17th INTERNATIONAL WINDS WORKSHOP - FIRST ANNOUNCEMENT

24 - 28 March, 2025

Newport News, Virginia, USA

<https://www.ssec.wisc.edu/meetings/iwwg/2025-meeting/>

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 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 cooperate in the operational and research community, and strongly contributes to the improvement in quality of the derived wind fields.

Preparations for the *Seventeenth International Winds Workshop, IWW17*, are underway. This workshop will take place in *Newport News, VA, USA* at the *Newport News Marriott at City Center Hotel*, hosted by *NASA Langley*. Dr. Upendra N Singh, Shelley Stover, and Kristopher Bedka from *NASA Langley* are facilitating the arrangements for this meeting on behalf of the organizing committee members. The workshop is organized through a collaboration between *NASA Langley*, *EUMETSAT*, *University of Wisconsin*, *NOAA NCEP*, *NOAA NESDIS*, *CMA*, and the *World Meteorological Organization (WMO)*.

The Workshop is an opportunity to present advances and new ideas in this specialised yet exciting 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 (Aeolus, GNSS, etc.)

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You are cordially invited to register and 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.

Please register and submit your abstract(s) via [this Registration Form](https://forms.gle/wUvZ7x27B9wryBbT6) :
<https://forms.gle/wUvZ7x27B9wryBbT6> (no Google log-in is required)

If you would need a visa to travel to the United States, mark the appropriate box in the Registration form and a meeting invitation will be provided to you. If you would like to attend but do not wish to make a presentation, please mark this on your registration form. The deadline for the receipt of abstracts and registration is **15 September 2024**.

Note that there will be no opportunity for virtual attendance of the 17th IWW.

Should you experience difficulties with the Registration Form, please email the IWWG Co-Chairs immediately.

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. Iliana Genkova, Dr. Feng Lu and Mr. Steve Wanzong (email addresses as shown at the bottom of this email) by 15 September 2024.

The Workshop will take place at *Newport News Marriott at City Center Hotel*, hosted by *NASA Langley*.

Further information about the workshop, including hotel accommodations will be provided in a second announcement which we plan to send out this Summer. The information will also be made available on the workshop web page: <https://www.ssec.wisc.edu/meetings/iwwg/2025-meeting/> which is already linked to the IWWG web page at <http://cimss.ssec.wisc.edu/iwwg/iwwg.html> .