



# Annual Meeting 2024

2-6 September 2024, Barcelona & online

## Special events Sunday

**13:30–18:00** | Rooms A-111 and 102A/B (ground floor)  
Workshop on Mindful Climate Communication  
*by registration only*

**14:00–16:30** | Room Ramon y Cajal (first floor)  
EMS General Assembly  
*by invitation only*

**18:00–19:30** | Vestíbul  
Icebreaker EMS@25





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## Special events Monday

**All day** | Exhibition booth of SMC  
Weather briefing by SMC



**15:00–15:15** | Room A111 (Aula Joan Maragall)

EMS Tromp Award for an outstanding achievement in  
biometeorology

**Christos Giannaros**

*Hourly values of an advanced human-biometeorological  
index for diverse populations from 1991 to 2020:  
Replicability and exploitability aspects*

**16:30–17:15** | Room Paranimf

25 years EMS – a panel discussion

**17:30–18:30** | Room Paranimf

Awards session, including

EMS Silver Medal lecture by **Sue Grimmond**

**18:30–19:00** | Room Paranimf

Strategic Lecture by **Ana Romero**





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## Special events Monday

**19:15–20:30** | Vestíbul

Early Career Scientists Apéro

*for students and early PostDocs*

sponsored by PRIMET



**19:15–20:30** | In front of Chapel

Convener reception

*for all convenors*





# Annual Meeting 2024

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## Special events Monday

EMS Young Scientist Conference Award presentation

**15:30–15:45** | Room A112 | **Stephy Libera et al.**  
*Evaluation of Mesoscale Eddy-Ice interaction in the Southern Ocean using High-Resolution models*

Tromp Foundation Travel Award presentations

**09:15–09:30** | Room A111 | **Zhikai Peng**  
*Exploring Tree Shade: Cooling Effects and Skin Temperature Recovery in Urban Environments*

**14:00–14:15** | Room A111 | **Fragkeskos Kekkou**  
*Temperature Extremes and Human Health in Cyprus: Investigating the Impact of Heat and Cold Waves*





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## Special events Tuesday

**All day** | Exhibition booth of SMC

Weather briefing by SMC

**09:00–17:15** | Room Ramon y Cajal

NMHS Communications Workshop

*Everyone welcome*

**11:00–11:30** | Aula Joan Maragall (A111)

EMS Technology Achievement Award lecture

**Jan Sondij & the EMADDC Team**

*From research to operations: the EMADDC use case*

Tromp Foundation Travel Award presentation

**14:00–14:15** | Room 203 | **Beatriz Sanchez**

*Past and future changes in the spatiotemporal distribution of heat stress in Madrid*





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## Special events Tuesday

Young Scientist Conference Award presentation

**15:00–15:15** | Room 203 | **Giandomenico Vurro**

*Quantifying the impact of extreme heat and adaptation strategies on urban air conditioning use and energy consumption in Nicosia, Cyprus*

**15:30–17:00** and **18:00–19:30**

Meet the Editors of the  
Journal of the EMS (JEMS)

At the EMS & partner booth



**17:00–20:00** | Depart 17:00 by bus Plaça Universitat

Excursion: Fabra Observatory

*Register at the booth of the Meteorological Service of Catalonia*





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## Special events Tuesday

**17:30–18:00** | Aula Magna (& streaming in room B5)

UP keynote presentation

**Aaron Boone**

*Understanding the impact of human activities on the terrestrial hydrological cycle in a semi-arid bread-basket region*

**18:00–19:30** | Vestíbul & Paranimf Gallery

Poster session & refreshments





# Annual Meeting 2024

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## Special events Wednesday

**All day** | Exhibition booth of SMC

Weather briefing by SMC

**11:00–17:15** | Room Paranimf

Communication and media Session

**13:00–13:15:** EMS Communicating Weather and Climate Award 2024

**14:45–15:00:** EMS Outreach & Communication Award 2024

**15:15–15:30:** EMS Journalistic Award 2024

Tromp Foundation Travel Award presentations

**14:00–14:15** | Room 203 | **Matej Žgela**

*A geospatial approach for heat risk estimation by integrating remotely sensed and ground-based data in Milan, Italy*







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## Special events Wednesday

**16:00–16:30** | Room Aula Joan Maragall (A111)  
Sergej Zilitinkevich Memorial Award Lecture

**Aijun Ding**

*Interactions of Atmospheric Chemistry and Atmospheric Boundary Layer: From Megacity to Gigacity*

**17:00–20:00** | Departure 17:00 with Metro  
Excursion: Barcelona Supercomputing Center

*Register at the booth of the Meteorological Service of Catalonia*

**17:30–18:00** | Room Paranimf  
ES keynote presentation

**Brigitte Perrin**

*Scaling up Artificial Intelligence to fight mis- and disinformation on weather and climate*





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## Special events Wednesday

Young Scientist Conference Award presentation

**18:00–19:30** | Poster **VP7** | **Agostino N Meroni**  
*Impacts of the changing summer thermal land-sea contrast on the northern hemisphere planetary circulation*

**18:00–19:30** | Vestíbul & Paranimf Gallery  
Poster session & refreshments

**20:00** Festa  
information at the booth of SMC  
*by registration only*





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## Special events Thursday

**All day** | Exhibition booth of SMC

Weather briefing by SMC

**09:00–17:15** | Room Ramon y Cajal

Symposium Weather and Well-being:

Communicating Biometeorological Knowledge for  
Public Health

*by registration*

Young Scientist Conference Award presentation

**09:05–09:20** | Room A111 | **Arianna Valmassoi**

*Towards a new generation of regional reanalyses for  
Europe*





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## Special events Thursday

Tromp Foundation Travel Award presentations

**10:15–10:30** | Room A112 | **Csilla Vincze**

*Field-level analysis of phenological cycles and dynamics of sunflower (*Helianthus annuus* L.) and oil seed rape (*Brassica napus* L.) flowering within various regions of Hungary*

**16:15–16:30** | Room 203 | **Pablo Ortiz-Corral**

*Valley Breezes within a valley in Pyrenees: Vertical and Horizontal structure and its Evolution Over the Annual Cycle Through Observations*

**17:00–19:30** | Departure 17:00 with Metro

*Excursion: Stormwater reservoir at Parc de Joan Miró  
Register at the booth of the Meteorological Service of Catalonia*





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## Special events Thursday

**17:30–18:00** | Aula Magna (& streaming in room B5)  
OSA Keynote presentation

**Francisco J. Doblas-Reyes**

*To be or not to be:*

*The operationalisation of climate projections*

Young Scientist Conference Award presentation

**18:00–19:30** | Poster **GP8** | **Hui-Wen Lai**

*Investigating the Diurnal Cycle of Summer Precipitation over Mainland Southeast Asia: Insights from Dynamic downscaling Simulations*

**18:00–19:30** | Vestíbul & Paranimf Gallery

Poster session & refreshments





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**09:00–13:00** | Room Ramon y Cajal

Symposium Weather and Well-being:

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Public Health

*by registration*

**11:00–11:15** | Room A112

EMS Young Scientist Award 2024

**Bianca Mezzina**

*What was the contribution of the ocean to the 2016  
Antarctic sea ice extent drop and was this event  
unprecedented?*

**17:30–18:30** | Vestíbul

Closing reception and announcement of the winner  
of the Outstanding poster award 2024

