



Annual Meeting 2024

2-6 September 2024, Barcelona & online

Special events Sunday

13:30–18:00 | Rooms A-111 and 103A (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





Annual Meeting 2024

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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

2-6 September 2024, Barcelona & online

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





Annual Meeting 2024

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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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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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Special events Friday

09:00–13:00 | Room Ramon y Cajal
Symposium Weather and Well-being:
Communicating Biometeorological Knowledge for
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

