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**SECOND ANNOUNCEMENT - CALL FOR PAPERS
- FEBRUARY 2012 -**

**12TH EMS ANNUAL MEETING &
9TH EUROPEAN CONFERENCE ON APPLIED CLIMATOLOGY - ECAC
10 – 14 SEPTEMBER 2012 | UNIVERSITY OF ŁÓDŹ | POLAND**

Submission of abstracts with support applications	19 March 2012
Submission of abstracts	26 April 2012
Letter of schedule	02 July 2012



*The EMS&ECAC 2012 is
hosted by the University
of Łódź, PTG and IMGW.*



Abstract processing
fees apply

••• **Timeline**

19 MARCH 2012

••• **Abstract submission
support applications**

26 APRIL 2012

••• **Close of
abstract submission**

02 July 2012

••• **Letter of schedule**

10 August 2012

••• **Close of
pre-registration**



The ECAC

Monitoring climate and climate change

- Climate monitoring, data rescue and management
- Spatial climatology - *joint session*

Understanding processes and climate change

- Climate change detection and assessment
- Climate prediction and scenarios
- Global and regional reanalyses
- Synoptic climatology
- Climate change: Learning from the past
- **Host topical session:** Urban climate

Research and services for socio-economic sectors

- Social and economic benefits of climate services
- Biometeorology - *joint session*
- Sustainable risk management and risk financing
- **Theme day:** European Climate Services Capabilities

Communication and Education

- Adaptation strategies
- Media and communication
- Climate services - *joint session*
- Education
- Biometeorology - *joint session*
- Diversity

Numerical Weather Prediction

- Dynamics and predictability of high impact weather in operational forecasting including nowcasting
- Numerical aspects and physical parameterization integration in NWP models
- Data assimilation and use of observations in NWP
- Probabilistic and ensemble weather forecasting applications at short and very short ranges
- Probabilistic medium- and long-range weather forecasting

The Atmospheric System and its Interactions

- Dynamical Meteorology
- Interactions between the space, sun and the earth system
- Small-scale processes in atmospheric modelling
- Air-sea interactions and coastal meteorology
- Biometeorology - *joint session*
- Atmospheric measurements from local to regional scale: Fluxes in the climate system
- Atmospheric hazards
- Boundary-layer physics and parameterizations
- Interfacing hydrological and meteorological models
- **Host topical session:** Urban climate - *joint session*
- Environmental Meteorology
- Phenology and agrometeorology
- Energy Meteorology
- Spatial climatology - *joint session*

The session programme

meetingorganizer.copernicus.org/ems2012/sessionprogramme

