

[www.ems2012.eu](http://www.ems2012.eu)

**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](http://meetingorganizer.copernicus.org/ems2012/sessionprogramme)

