

## EMS Outreach & Communication Award 2011 - Two outstanding projects selected

### theWeather magazine

theWeather presents a novel and exciting way of communicating the science of meteorology and its impact on society to the general public. It relates weather to common activities and subjects such as culture and sport, and in this way tackles the challenge of bringing the science of meteorology into the realm of people's daily life.

The timeliness and importance of the theWeather Club's attempt to tackle the difficult subject of the interface between climate and weather can not be appreciated enough – this is a crucial issue in communicating climate change to any non-scientific audience.

### Mountain Wave Project (MWP)

The MWP is focused on applications and deserves great merit for incorporating outreach activities as part of the scientific project.

In the communication with the public a variety of different channels are used. Through TV-features, radio broadcasts, publications, posters and numerous articles in the print media, the MWP regularly draws attention to atmospheric phenomena in the troposphere and stratosphere.

The TV-documentary "Rodeo in the Sky – research for greater flight safety" is thrilling, moving, and educational, a very original and unusual combination.

## EMS Broadcast Meteorologist Award 2011

For many Germans the name **Dieter Walch** is closely associated



with the television weather forecast. Dieter has been the leading German weather presenter in ZDF German National Television for

more than 25 years. After receiving his Master in Meteorology, he worked as a Flight-Meteorologist, before joining the German Air Force Weather Service as assistant professor. He has also written books about meteorology, TV-meteorology and climate.

## TV Weather Forecast Award 2011

An outstanding video clip of a weather forecast submitted for presentation at the 11th EMS&10th ECAM is recognized through the TV Weather Forecast Award. The trophy this year goes to broadcast meteorologist Jean Byrne. She is a weather forecaster in the General Forecasting Division with Met Éireann, the National



Meteorological Service of Ireland. In 1996 Jean was selected to be a Broadcast Meteorologist with RTE, the National Television Broadcaster of Ireland. Since then she has worked a roster of duties in the General Forecasting Division, Met Éireann, Dublin, as well as in RTE.

## EMS Young Scientist Award 2011 to Tamás Gál

Tamás Gál from the University of Szeged, Hungary, has been selected to receive this year's EMS Young Scientist Award. The award



recognises excellence in young scientists. Tamás is working on the timely topic of urban climate and since 2003 has authored or

co-authored 37 publications. He is awarded for his two papers 'Computing continuous sky view factors using 3D urban raster and vector databases: comparison and application to urban climate' and 'Detection of ventilation paths using high-resolution roughness parameter mapping in a large urban area' - these contain the essence of his PhD thesis. The methods he has developed are now widely used for other urban climate projects.

## Presentation of the Awards

The Young Scientist Award will be presented during the Opening Session of the EMS Annual Meeting in Berlin on 12 September 2011.

The Media Awards will be presented during the Media Session on Thursday, 15 September 2011.

Details on the respective programmes can be found at: [meetings.copernicus.org/ems2011](http://meetings.copernicus.org/ems2011)

## IMO Prize

### IMO Prize awarded to Aksel Wiin-Nielsen

The International Meteorological Organization (IMO) prize for 2011 has been awarded to Aksel Wiin-Nielsen, in honour of his lifetime achievement.

WMO's most prestigious award, the IMO prize, originates from WMO's predecessor, the International Meteorological Organization. It is granted annually by the WMO Executive Council for outstanding work in the field of meteorology, climatology, hydrology and related science.

Aksel, who died last year, was particularly renowned for his leadership and success in setting up ECMWF.

## Inside EMS

### ► Young Scientist Travel Awards (YSTAs)

**Why aerosols matter: Advances in observations, modelling and understanding impacts**, 19 Oct 2011, Reading, UK

Four YSTAs are jointly funded by the RMetS and EMS.

Deadline: **02 September 2011**

**BALWOIS 2012**, 28 May - 2 June 2012, Ohrid, FY Republic of Macedonia

Two YSTAs are funded.

Deadline: **15 February 2012**

### ► 13th EMS General Assembly

11 September 2011, Berlin, Germany.

By invitation only.

## EMS General Assembly

### ► EMS Annual Meeting and European Conference on Applications of Meteorology

12–16 September 2011, Berlin, Germany.

- 850 papers have been submitted to the EMS&ECAM 2011

- The session programme:

[meetingorganizer.copernicus.org/ems2011/meetingprogramme](http://meetingorganizer.copernicus.org/ems2011/meetingprogramme)

- Time table of side meetings: [meetings.copernicus.org/ems2011/side\\_meetings](http://meetings.copernicus.org/ems2011/side_meetings)

- Programme of special events, including the Opening and ECAM panel discussion:

[meetings.copernicus.org/ems2011/special\\_events](http://meetings.copernicus.org/ems2011/special_events)

## EMS&ECAM 2011



*Forecasting the weather  
- ensemble techniques  
in probabilistic weather  
prediction*

## EMS Members

[rmets.org](http://rmets.org)

[theweatherclub.org.uk](http://theweatherclub.org.uk)

### United Kingdom Royal Meteorological Society

A publication based on *'theWeather'* magazine is available to all members of national meteorological societies at a discount price.

The Royal Meteorological Society's subsidiary charity, theWeather Club, was launched in September 2010. One of the main benefits of the club is the quarterly magazine *'theWeather'* - it is full of features and news stories about weather and climate around the world.

This September a one-off publication based on some articles that have appeared in *'theWeather'* is being produced for all major retail outlets both in the UK and overseas. The publication would normally retail at £5.99 (GBP), but an agreement has been reached with theWeather Club to offer a 50% discount to all members of national meteorological societies. This means that the book is available for only £3 (GBP) including postage and packing.

The publication will be available to your members through theWeather Club's online shop [www.theWeatherClub.org.uk/shop/books](http://www.theWeatherClub.org.uk/shop/books) from 1 September 2011.

**Ireland Irish Meteorological Society****New president of IMS:** Paul Halton

Since joining the Irish Meteorological Service (Met Éireann) in January 1972 Paul Halton has served in many roles in the organisation; this has included being an observer at Belmullet synoptic station, a Meteorological officer in the Central Analysis & Forecast Office (CAFO) and Principal Meteorological Officer and IT Operations Manager in the IT Division with responsibility for all operational ICT systems. Since February 1999 Paul has been a Senior Meteorologist and Head of the Information Technology Division in Met Éireann.

Over the past decade he has represented Met Éireann internationally at the Computing Representatives' meetings at ECMWF and at the various sessions of the WMO Commission for Basic Systems (CBS). He is a member of the ECMWF Technical Advisory Committee (TAC) and he is the focal point for Ireland regarding WMO Codes and Data Representation matters.

In March 2011 he was elected President of IMS.

In 1990 he obtained a B.Sc. Degree in Computer Applications. His Final Year Project in 1990 focused on "The Development of a Numerical Simulation of the Atmosphere on a PC-Based Transputer network". (He used the DYNAMO Model, provided by Dr. Peter Lynch). He went on to obtain a M.Sc. in Computer Applications (Research) from Dublin City University in 1992. His thesis in 1992 was entitled „The Implementation of a large-scale Numerical Model of the Atmosphere on a PC-based Transputer Network“. The work involved the development and use of Parallel Algorithms and data structures to implement the HIRLAM model on a network of T800 Transputers attached to a PC.

He continues to maintain a keen interest in the on-going development of 'state-of-the-art' massively parallel supercomputer architectures, associated compilers and application development languages and their debugging environments.

Recent activities of the IMS:

**Irish Met Society field trip 2010 to Valentia Observatory**, Caherciveen, Co. Kerry (photo on the right). The trip marked the 150th anniversary of the first weather observations made in Valentia and the photo shows the participants eagerly awaiting the midday weather balloon launch. (photo by Alan Landers)

This photograph was taken at an **Irish Met Society lecture by Prof. Fedor Messinger**



who's LAPEM model was the first model used operationally in Met Eireann, the Irish Met Service. Front row: all the professors: Prof. Peter Lynch, Prof. Fedor Mesinger, Prof. Ray Bates. Back row - mostly IMS committee members: Morgan Geraghty, Dominic Foley, Sarah Gallagher, Emily Gleeson, Evelyn Cusack, Paul Halton, Gerald Fleming, Sinead Duffy, Aodhagan Roddy.

**The 30th anniversary of the IMS** was marked by a lecture by Professor Ray Bates, who founded the Society in 1981. The photo shows Ray Bates surrounded by friends, colleagues and the IMS committee. His lecture can be viewed on the Irish Met Society website [www.irishmetsociety.org](http://www.irishmetsociety.org)

**EMS Members**

[www.irishmetsociety.org](http://www.irishmetsociety.org)



## Meetings

[balwois.com/2012](http://balwois.com/2012)

[www.sbmet.org.br/  
portal2011/index.php](http://www.sbmet.org.br/portal2011/index.php)

[www.sic2011.com/eng](http://www.sic2011.com/eng)



[meteorologicaltechnology  
worldexpo.com](http://meteorologicaltechnologyworldexpo.com)

[www.geosociety.org/  
meetings/2011/](http://www.geosociety.org/meetings/2011/)

[ipy2012montreal.ca](http://ipy2012montreal.ca)

**BALWOIS 2012:** Fifth International Conference on Water, Climate and Environment  
28 May – 2 June 2012, Ohrid, FY Republic of Macedonia.

Deadline for submission of abstracts: 31 October 2011

Deadline for early registration: 15 April 2012

### **IV International Symposium on Climatology: Impacts of Climate Change on Urban Areas**

16–19 October 2011, João Pessoa, Paraíba State, Brazil

The Brazilian Meteorology Society (SBMET) has pleasure in issuing an invitation for the attendance at the IV International Symposium on Climatology (IV SIC).

It will take place under the general topic of “Impacts of Climate Change on Urban Areas” aiming to discuss how the global climate change is affecting the Brazilian cities and possible solutions to mitigate this influence.

The main scientific topics are: climate change impacts and environmental sustainability, health in urban areas, extreme weather events, new technologies in weather forecasting, and climate vulnerability of coastal urban areas and regional reliability Models and future climate scenarios..

### **Meteorological Technology World Expo 2011**

18–20 October 2011, Brussels, Belgium

Free to attend, the show will be an international exhibition of manufacturers and service providers of climate, weather, and hydrometeorological measurement, forecasting and analysis tools and systems from around the globe. Key decision makers within the worlds of aviation, shipping, marine, the military, renewable energies, agriculture, met offices and research institutes will have the opportunity to research new technologies and service providers, and to meet up with their established suppliers in one convenient location.

An extensive list of global exhibitors is already confirmed - Eumetsat, WMO Voluntary Cooperation Programme, Gill Instruments, Baron Services, Vaisala, Raymetrics and the UK Met Office to name but a few. Running alongside the exhibition, will be a full programme of workshop sessions. Led by leading industry figures, the workshops will debate key issues across all applications of meteorology.

### **GSA 2011 Annual Meeting:**

Archean to Anthropocene – the past is the key to the future

9–12 October 2011, Minneapolis, USA

### **IPY 2012 Conference: From knowledge to action**

22–27 April 2012, Montréal, Canada

Occurring at a pivotal time for the environment of our planet, the International Polar Year (IPY) 2012 Conference draws international attention to the polar regions, global change, and related environmental, social and economic issues. ‘*From Knowledge to Action*’ will bring together over 2,000 Arctic and Antarctic researchers, policy- and decision-makers, and a broad range of interested parties from academia, industry, non-government, education and circumpolar communities including indigenous peoples. The IPY 2012 Conference will contribute to the translation of new polar scientific findings into an evidence-based agenda for action that will influence global decisions, policies and outcomes over the coming years.

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