

Keynote Speakers

Fritz Neuwirth, EMS President **Chair Opening Session**

Dr. Fritz Neuwirth has been elected President of the European Meteorological Society in 2008 for a three-year term.

Until November 2009 he served as director of the Austrian Weather Service ZAMG. He joined ZAMG in 1966, and was head of the Department for Climatology, Deputy Director (Acting Director) from 1984, and appointed Director in 2004. Dr Neuwirth has been chairman of Council of EUMETNET - the network of European meteorological services, the Austrian Meteorological Society, the Finance Committee and the Policy Advisory Committee of ECMWF, the Administrative and Finance Group of EUMETSAT, the COST Technical Committee Meteorology, and the Joint Harmonisation Group of ECMWF, EUMETSAT and ECOMET.

Michel Jarraud: Secretary-General of the World Meteorological Organization **Keynote speaker Opening Session**

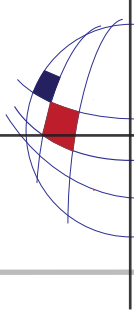
Mr. Michel Jarraud was appointed Secretary-General of the World Meteorological Organization by the Fourteenth World Meteorological Congress in 2003, and re-appointed in 2007 for a second four-year term. He was Deputy Secretary-General of WMO from 1995 till 2003. He devoted part of his career to the internationally renowned European Centre for Medium-Range Weather Forecasts (ECMWF), where he was appointed Deputy Director of the Centre in 1991 having served as Director of the Operational Department since 1990. From 1978 to 1985, he was a researcher in numerical weather prediction at the ECMWF. Mr Jarraud started his career with Météo-France, as a researcher in 1976. He rejoined the French National Meteorological Service in 1986 as Director of the Weather Forecasting Department, until 1989.

Johannes Schmetz: Head of Meteorological Division, EUMETSAT **Keynote speaker Opening Session**

Dr. Johannes Schmetz was appointed Head of the Meteorological Division at EUMETSAT in 1995. He built up and leads a team that develops meteorological satellite applications and is responsible for the scientific and meteorological requirement aspects of current and future satellite programmes.

Before joining EUMETSAT, Johannes Schmetz was a senior scientist at the European Space Agency (ESA) and then Section Head in the Meteosat Programme. The time at ESA was preceded by work at the University of Cologne as Researcher and Assistant Lecturer and then as Research Scientist at the Max-Planck-Institute for Meteorology in Hamburg from 1983 - 1984.

Johannes Schmetz graduated in meteorology. His PhD thesis treated cloud-radiation interaction, development of radiative transfer models and the validation based on an aircraft experiment.



Speakers

Dick Dee: Head of the Reanalysis Section at ECMWF **Keynote speaker Opening Session**

Dick Dee is Head of the Reanalysis Section at the European Centre for Medium-Range Weather Forecasts (ECMWF). He is responsible for the production of the ongoing ERA-Interim atmospheric reanalysis, and is coordinating European preparations for a new state-of-the-art atmospheric reanalysis spanning the entire 20th century.

Dr. Dee obtained a degree in Applied Mathematics from New York University in 1983. Prior to joining ECMWF in 2005 he worked as a maths professor at PUC-Rio in Brazil, as a research scientist at Delft Hydraulics in the Netherlands, and as an atmospheric scientist at NASA in the United States. His primary area of expertise is data assimilation, with particular emphasis on the treatment of biases in models and observations.

Guy Brasseur: Director of the Climate Service Center, Germany **Keynote speaker Opening Session**

Guy Brasseur was the director of the Climate Service Center, Germany, in Hamburg on 1 July 2009. Since January 2006 he has been Associate Director of the National Center for Atmospheric Research (NCAR), in charge of the Earth and Sun Systems Laboratory (ESSL), in Boulder, Colorado, USA, after having served as Director of the Max Planck Institute for Meteorology in Hamburg. Guy Brasseur headed NCAR's Atmospheric Chemistry Division from 1990 to 2000 and continued thereafter as an NCAR senior scientist and senior research associate within the Advanced Study Program.

A native of Belgium, Guy Brasseur holds two engineering degrees and a doctorate in aeronomy from the Free University of Brussels, where his PhD dissertation dealt with the effects of nitrogen oxides on stratospheric ozone. He completed his postdoctoral work at the Belgian Institute for Space Aeronomy, where he worked on advanced models of photochemistry and chemical transport in the middle atmosphere.