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# *NCAR seminar hosted by MMM*

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## **A Perspective on the Future of Numerical Weather Prediction**

***Professor Alan J. Thorpe***

*Director-General of the European Centre for Medium-Range Weather Forecasts (ECMWF)  
Reading, United Kingdom*

Global numerical weather prediction (NWP) has been a crowning glory of the huge advances in weather science in the last 50 years. Observations from space, data assimilation, computing technology, physical process understanding, the theory of chaos and ensemble prediction are among the major innovations that have revolutionised the field. Reflecting on this scientific progress, in this talk we will paint a picture of what this endeavour could achieve in the next 50 years. International collaboration has been and will continue to be key to making further advances. NWP is at the cusp of evolving into numerical environmental prediction and weather and climate science must fully integrate if societal challenges resulting from natural hazards and climate change are to be addressed.

*This seminar will be recorded and available via webcast at:  
<http://www.fin.ucar.edu/it/mms/fl-live.htm>*

**\*\*Please note this special day\*\***

**Monday, 29 September 2014, 3:30 PM**

Refreshments 3:15 PM

NCAR-Foothills Laboratory

3450 Mitchell Lane

Bldg 2 Main Auditorium, Room 1022