

**Tim Palmer, ECMWF**

***Seamless prediction of weather and climate: bringing the insights and constraints of NWP into the climate-change arena.***

Although climate and weather prediction diverged in the 1950s, Tim Palmer will argue the need to reunify these different disciplines for the 21st century. By doing this he will claim that the constraints provided by sophisticated diagnosis techniques used in numerical weather prediction could be brought to bear to try to reduce some of the continuing uncertainties in the field of climate prediction.