

**ECMWF's ensemble forecasts: model uncertainty representation**  
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*Abstract:*

The aim of ensemble forecasting is to sample from the probability density of the atmospheric state at a future time. Hence, it is important to accurately represent uncertainties that arise from both, the initial conditions, and the forecast model formulation. The talk will give a short description of the ECMWF medium-range EPS and then focus on the model error representation and future developments in this area.