

# Symposium: 20 years of 4D-Var



26 January 2018

## Schedule

09:00-09:30	Registration and coffee	
09:30-09:35	Welcome by ECMWF Director-General	Florence Rabier (ECMWF)
09:35-10:05	A few reminiscences about the genesis of 4D-Var, and what followed	Olivier Talagrand (LMD/ENS)
10:05-10:35	4D-Var, the decision making process	Philippe Courtier (Université de Technologie de Compiègne)
10:35-11:05	The early years of variational data assimilation: A perspective from NCEP	John Derber (NCEP)
11:05-11:35	<i>Coffee break</i>	
11:35-12:05	4D-Var: From early results to operational implementation	Jean-Noël Thépaut (ECMWF)
12:05-12:35	Development of 4D-Var data assimilation system for a limited-area model in Japan Meteorological Agency	Ko Koizumi (JMA)
12:35-13:05	The transition from 4D-Var to 4D-EnVar at Environment and Climate Change Canada	Mark Buehner (EMC)
13:05-14:05	<i>Lunch break</i>	
14:05-14:35	A comparison of hybrid variational data assimilation methods in the Met Office global NWP system	Andrew Lorenc (Met Office)
14:35-15:05	Advancing Data Assimilation in Global NWP: the ECMWF Perspective	Massimo Bonavita (ECMWF)
15:05-15:10	Concluding remarks	Jean-Noel Thepaut & Florence Rabier (ECMWF)
15:10	<i>Drinks and cake</i>	