

Program – EnKF Workshop 2007:

Monday 18 June:

- 09.30-09.45: Sigurd Aanonsen, CIPR: Welcome
09.45-10.30: Geir Evensen, Norsk Hydro: "Recent developments in the Hydro EnKF implementation and applications."
10.30-11.15: Roger Ghanem , University of Southern California: "Integration of Polynomial Chaos Representations with the EnKF."
11.15-11.45: Break
11.45-12.30: Remus Hanea, TNO: "On the divergence of ensemble type filters."
12.30-13.15: Randi Valestrand, IRIS: "Applying EnKF with tracer data."
13.15-14.15: Lunch
14.15-15.00: Al Reynolds , University of Tulsa: "Evaluation of EnKF for nonlinear/ non-Gaussian problems."
15.00-15.45: Alina Barbu Velicescu and Arnorld W. Heemink, Delft Institute of Applied Mathematics: "On the convergence of ensemble Kalman filter."
15.45-16.30: Femke Vossepoel, Shell: "Parameter estimation with a particle method: an oceanographic example."
17.00-18.30: Walking tour to Sæverud's home and property?
19.00: Dinner

Tuesday 19 June:

- 09.00-09.45: Dean Oliver , University of Oklahoma: "Strategies for Dealing with Strong Nonlinearity in the EnKF."
09.45-10.30: Geir Nævdal, IRIS: "Running field studies with EnKF."
10.30-11.00: Break
11.00-11.45: Dennis McLaughlin and Behnam Jafarpour, MIT: "Realistic ensemble generation and efficient multiscale estimation for reservoir control problems."
11.45-12.30: John Petter Jensen, NTNU, John-Morten Godhavn, Statoil, Bjarne A. Foss, NTNU and Petter Tøndel, Statoil: "Ensemble Kalman Filtering for state and parameter estimation on a reservoir model."
12.30-13.30: Lunch
13.30-14.15: Jan-Arild Skjervheim , Norsk Hydro: " Assimilation of time lapse seismic data in addition to production data using the ensemble Kalman filter."
14.15-15.00: David Moreno, CIPR: "Coupling the ensemble Kalman filter and level set methods to update reservoir facies"
15.00-15.30: Danila Kuznetsov: "Geostatistical example of covariance matrix approximation in EnKF."
16.30: Bus departure from hotel
17.00-17.45: Guided tour at Edvard Grieg's home
17.45-18.15: Concert
19.00: Dinner

Wednesday 20 June:

09.00-09.45: Akhil Datta-Gupta , Texas A&M: "Flow Relevant Covariance Localization During History Matching Using EnKF."

09.45-10.30: Kristian Thulin, CIPR: "Adjusting initial fluid contacts using the ensemble Kalman filter."

10.30-11.00: Break

11.00-11.45: Henning Omre, NTNU: "Hierarchical ensemble Kalman filter - HEnKF."

11.45-12.30: Lies Peters, Frank Wilschut, Elisabeth Peters and Remus Hanea, TNO: "Including model error in the Ensemble Kalman filter: examples in groundwater flow and reservoir engineering."

12.30-13.00: Geir Nævdal, IRIS: Summary

13.00-14.00: Lunch