Program EnKF Workshop 2009

Monday 22/06/2009:

08:30-09:00:	Registration
09:00-09:15:	Welcome
09:15-10:00:	Geir Evensen* (StatoilHydro/NERSC), "A discussion on the EnKF analysis scheme"
10:00-10:30:	Olwijn Leeuwenburgh* (TNO) et al., "Assimilation of time-lapse seismic data for reservoir history matching with the EnKF"
10:30-11:00:	Randi Valestrand* (IRIS), "Natural and conventional tracers for improving reservoir models using the EnKF approach"
11:00-11:15:	Break
11:15-11:45:	Leila Heidari* (IFP), "Reservoir modelling with EnKF: a sensitivity study"
11:45-12:30:	Al Reynolds* (Univ. Tulsa), "Failings and fixes of EnKF for nonlinear dynamics with non-Gaussian priors"
12:30-13:30:	Lunch
13:30-14:15:	Hans Wackernagel* (Mines-Paris Tech), "Detecting and quantifying epidemics by particle filtering"
14:15-14:45:	Andreas Størksen Stordal* (IRIS) et al., "Combining the ensemble Kalman filter with particle filtering"
14:45-15:15:	David White* (Univ. Warwick) and A. Stuart (Univ. Warwick), "Permeability from water cut: a Bayesian approach"
15:15-15:45:	Thomas Romary* (Mines-Paris Tech), "History matching by interacting MCMC methods"
15:45-16:00:	Break
16:00-16:45:	Yan Chen* (Chevron), "The Brugge field model as a test case for data assimilation"
16:45-17:15:	Emmanuel Robert* (Total), "Application of the EnKF on a real field: challenges and results"
17:15-17:45:	Silvia Vimercati* (ENI) et al., "History match of a highly complex fractured reservoir using the ensemble Kalman filter"
19:30- :	Dinner

Tuesday 23/06/2009:

08:30-09:15:	Dennis McLaughlin* (MIT) et al., "Progress on feature-based ensemble data assimilation methods"
09:15-09:45:	Cristian Maris* (TU Delft) et al., "Metric and feature-space inverse modeling. A comparison between distance-based history matching and EnKF feature-space extension"
09:45-10:15:	Wiktoria Lawniczak* (TU Delft) et al., "Grid distortion as an example of feature-based update"
10:15-10:45:	Rolf Johan Lorentzen* (IRIS) et al., "Estimating facies using EnKF and distance functions"
10:45-11:00:	Break
11:00-11:30:	Dean Oliver* (Univ. Oklahoma) and G. Nævdal (IRIS), "Updating Markov chain models using the EnKF"
11:30-12:15:	Akhil Datta-Gupta* (Texas A&M), "A hybrid ensemble Kalman filter with coarse scale constraints"
12:15-13:15:	Lunch
13:30- :	Cultural arrangement

Wednesday 24/06/2009:

08:45-09:15: Laurent Bertino* (NERSC) et al., "Asynchronous assimilation with the EnKF"
09:15-09:45: Inge Myrseth* (NTNU) et al., " Bootstrapping EnKF"
09:45-10:15: Yanfen Zhang and Dean Oliver* (Univ. Oklahoma), "Bootstrapping for improved estimation of the Kalman gain"
10:15-10:30: Break
10:30-11:15: Pavel Sakov* (NERSC), "Ensemble square root filters"
11:15-11:45: Laura Dovera* (ENI) and E. Della-Rossa, "Stationary orthogonal-base ensemble representation and boosting to improve covariance matrix estimation"
11:45-12:45: Lunch
12:45-13:30: Henning Omre* (NTNU), "Ideas on a skewed ensemble Kalman filter"
13:30-14:00: Philippe Craneguy* (Actimar) et al., "Assimilation of satellite derived sea surface temperature in a coastal hydrodynamic model of the bay of Biscay using ensemble Kalman filter"
14:00-14:30: Jon Sætrom* (NTNU), "Ensemble Kalman filter updating using shrinkage based regression techniques"
14:30-15:00: Oliver Pajonk* (Univ. Braunschweig) et al., "Coupling of EnKF with stochastic optimization methods"
15:00-15:15: Concluding remarks

* speaker