Program EnKF Workshop 2010

Tuesday 18/05/2010:

08:15-08:45:	Registration
08:45-09:00:	Welcome
09:00-09:45:	**Al Reynolds** (University of Tulsa), "Localization mitigates sampling error but is the data match good enough for Bayes?"
09:45-10:30:	**Jeffrey Anderson** (National Center for Atmospheric Research), "Reducing the impact of sampling errors in ensemble filters"
10:30-10:45:	Break
10:45-11:15:	**Pavel Sakov** and Laurent Bertino (NERSC), "Relation between two common localisation methods for the EnKF"
11:15-11:45:	**Jon Sætrom** (Norwegian University of Science and Technology), "Ensemble Kalman filtering for non-linear likelihood models using kernel-shrinkage regression techniques"
11:45-12:15:	**Linah Mohamed** (Heriot-Watt University) et al., "Brugge reservoir model history matching study: comparison of particle swarm optimisation and the ensemble Kalman filter"
12:15-13:15:	Lunch
13:15-14:00:	**Dennis McLaughlin** (Massachusetts Institute of Technology), "Reduced-order modeling for integrated ensemble estimation and control"
14:00-14:30:	**Marcin Glegola** (TU Delft) et al., "Gravimetric monitoring of water influx in gas production: numerical study based on the ensemble Kalman filter"
14:30-15:00:	**Alexandra Seiler** (Statoil), "Structural uncertainty modelling and updating using the ensemble Kalman filter"
15:00-15:15:	Break
15:15-15:45:	**Maria Gheorghe** and Anca Hanea (TU Delft), "Non parametric Bayesian belief nets (NPBBN) versus ensemble Kalman filter (EnKF) for a history matching problem in reservoir simulation"
15:45-16:15:	**Behnam Jafarpour** (Texas A&M University) et al., "History matching with the ensemble Kalman filter: accounting for structural uncertainty and facies connectivity"
16:15-17:00:	**Craig Bishop** (Naval Research Laboratory), "Autonomous ensemble covariance moderation"
18:30- :	Dinner

Wednesday 19/05/2010:

08:45-09:15:	**Jan-Arild Skjervheim** (Statoil) et al., "Estimating structural parameters on a North Sea field case using the ensemble Kalman filter"
09:15-09:45:	**Inge Myrseth** (The Norwegian Computing center), "Uncertainty assessment in ensemble Kalman filters"
09:45-10:15:	**Leila Heidar**i (IFP) et al., "History-matching of reservoir models by ensemble Kalman filtering with gradual deformation parameterization"
10:15-10:30:	Break
10:30-11:00:	**Neill Bowler** (Met Office) et al., "The Met Office Hybrid VAR/Ensemble data assimilation system"
11:00-11:30:	**Nick Kazakov** (Gubkin University) et al., "Algorithm of final ensemble's mean correction"
11:30-12:00:	**Slawomir Szklarz** (TU Delft) et al., "An ensemble based workflow for continuous updates for the Norne field: a history matching exercise"
12:00-13:00:	Lunch
14:00-22:30:	Cultural arrangement

Thursday 20/05/2010:

08:30-09:15: **Takemasa Miyoshi** (University of Maryland), "Adaptive localization and adaptive inflation methods with the LETKF"
09:15-09:45: **Pallav Sarma** and Wen H. Chen (Chevron), "Robust and efficient handling of model constraints with the kernel-based ensemble Kalman filter"
09:45-10:15: **Olwijn Leeuwenburgh** and Remus Hanea (TNO), "Comparison of iterative ensemble Kalman filters for initial value problems"
10:15-10:30: Break
10:30-11:00: Brice Vallès and **Geir Nævdal** (IRIS), "Revisiting Brugge case study using a hierarchical ensemble Kalman filter"
11:00-11:30: **Markus Krosche** (SPT Group), "Ensemble-based production optimization"
11:30-12:00: **Ali Shahraini** (University of Bergen/CIPR) et al., "Characterization of fractured reservoir by quantitative integration of time-lapse seismic AVAZ and production data using the EnKF method"
12:00-13:00: Lunch
13:00-13:45: **Dean Oliver** (University of Oklahoma), "Regularization for EnKF – Kalman gain versus ensemble covariance"
13:45-14:15: Ehouarn Simon and **Laurent Bertino** (NERSC), "Application of a non-Gaussian extension of the EnKF for combined state-parameter estimation in a 3-D coupled physical-ecosystem model"
14:15-14:45: **Andrey Kovalenko** (Uni Research), "Error distribution of the EnKF update"
14:45-15:00: Break
15:00-15:30: **Mariya Krymskaya** (TU Delft) et al., "Observation sensitivity in history matching with asynchronous ensemble Kalman filter"
15:30-16:00: **Abul Fahimuddin** (CIPR) et al., "4D history matching of a real field case with EnKF: use of local analysis for model updating"
16:00-16:15: Concluding remarks

Speaker's name written in **Boldface**

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