

UNIVERSITY OF ALBERTA
Department of Civil & Environmental Engineering
School of Mining and Petroleum Engineering

Centre for Computational Geostatistics

Presentations

Report Nine: 2006/2007



September 27 & 28, 2007

Agenda for 2007 Annual Meeting

Centre for Computational Geostatistics
School of Mining and Petroleum Engineering
Department of Civil & Environmental Engineering
University of Alberta

Mining Geostatistics

Thursday September 27, 2007

8:00 – 8:30	Breakfast
8:30 – 9:00	Introduction and Overview of Year Nine, <i>C. Deutsch</i>
9:00 – 9:30	Calculating Distance in Presence of Locally Varying Anisotropy, <i>J. Boisvert</i>
9:30 – 10:00	Determination of Local Anisotropy Through Mass Moments, <i>M. Hassanpour</i>
10:00 – 10:30	Break
10:30 – 11:00	Non-Stationary Variogram Estimation, <i>D. Machuca</i>
11:00 – 11:30	Local Recoverable Reserves with LU Simulation, <i>J. Ortiz</i>
11:30 – 12:00	Robust Solution of Kriging Equations, <i>O. Leuangthong</i>
12:00 – 1:00	Lunch
1:00 – 1:30	Optimal Variogram Tolerance Parameters, <i>H. Derakhshan</i>
1:30 – 2:00	Variogram Nugget Effect and Range from Compositing, <i>D. Machuca</i>
2:00 – 2:30	Some Interesting Applications of Geostatistics, <i>C. Neufeld</i>
2:30 – 3:00	Break
3:00 – 3:30	Wide Array Declustering and Feasibility Grade Control, <i>B. Wilde</i>
3:30 – 4:00	Two Methods to Correct Kriging Weights in a Finite Domain, <i>O. Babak</i>
4:00 – 4:30	A Review of Uncovered Material, <i>C. Deutsch</i>

4:30 – 7:00 Wine & Cheese Poster Session at the Jubilee Auditorium

Agenda for 2007 Annual Meeting

Centre for Computational Geostatistics
School of Mining and Petroleum Engineering
Department of Civil & Environmental Engineering
University of Alberta

Petroleum Geostatistics

Friday September 28, 2007

8:00 – 8:30	Breakfast
8:30 – 9:00	Introduction and Overview of Year Nine, <i>C. Deutsch</i>
9:00 – 9:30	Intrinsic Collocated Cokriging that Solves Variance Inflation, <i>O. Babak</i>
9:30 – 10:00	Second Generation Gibbs Sampler for Simulation with MPS, <i>S. Lyster</i>
10:00 – 10:30	Break
10:30 – 11:00	Integrating Conditional Probabilities for Large Scale Modeling, <i>S. Hong</i>
11:00 – 11:30	Advances in Stochastic Surface Modeling, <i>X. Zhang</i>
11:30 – 12:00	Multivariate Distribution Modeling for Geologic Variables, <i>O. Leuangthong</i>
12:00 – 1:00	Lunch
1:00 – 1:30	Application of Locally Varying Anisotropy to Reservoirs, <i>J. Boisvert</i>
1:30 – 2:00	Programming a Plugin, <i>C. Neufeld</i>
2:00 – 2:30	Distance Function Approach to Uncertainty in Areal Limits, <i>A. Hosseini</i>
2:30 – 3:00	Break
3:00 – 3:30	Factorial Kriging: Old and New, <i>S. Hong</i>
3:30 – 4:00	Calculating Permeability Tensors on Unstructured Grids, <i>M. Hassanpour</i>
4:00 – 4:30	A Review of Uncovered Material, <i>C. Deutsch</i>

CCG Student Directory



Olena Babak, Ph.D. student



David Machuca, Ph.D. student



Jeff Boisvert, Ph.D. student



John Manchuk, Ph.D. student



Hadi Derakhshan, Ph.D. student



Mike Munroe, M.Sc. student



Mehran M. Hassanpour, Ph.D. student

New Students for Fall 2007

Miguel Cuba, M.Sc. student

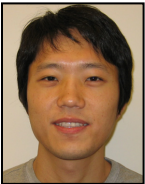
Behrang Koushavand, Ph.D. student

Mike Job, M.Sc. student

Yupeng Li, Ph.D. student

Eric Niven, Ph.D. student

Tong Wang, M.Sc. student



Sahyun Hong, Ph.D. student



Steve Lyster, Ph.D. student