Program

Friday, May 23, 2008

until 14:00 Meeting at the Faculty of Statistics, Technische Universität Dortmund
14:00 Transfer to Bommerholz (by car)
14:45 Opening

Session 1: DOE / Kriging
15:00 - 15:30 David Steinberg (Tel Aviv University)
Sequential design of experiments for generalized linear models
15:45 - 16:15 David Ginsbourger (École Nationale Supérieure des Mines de Saint-Étienne)
Discrete Mixtures of Kernels for Kriging-based Optimization
16:30 Coffee and tea

Session 2: Statistics / Robust Optimization
16:45 - 17:15 Jan Engel (Centre for Quantitative Methods CQM BV Eindhoven)
Statistics Development: Statistical Methods Meeting the User’s Needs
17:30 - 18:00 Claus Weihs (Technische Universität Dortmund)
Quality Assurance for Statistical Consulting
18:15 - 18:45 Tormod Naes (University of Oslo)
A case study: Process Improvement Using Mixture-Process Variable Designs and Robust Optimization Techniques
19:00 Dinner
from 20:30 Informal discussion in the bar

Saturday, May 24, 2008

from 7:30 Breakfast

Session 3: Audio Signal Analysis
09:00 - 09:30 Tuomas Virtanen (Tampere University of Technology)
Unsupervised Learning Methods for Audio Signal Analysis and Sound Source Separation
09:45 - 10:15 Rainer Martin (Ruhr-Universität Bochum)
Signal Quality in Hearing Aids - A Statistical Approach
10:30 - 11:00 Break / Coffee and tea

Session 4: Evolutionary Optimization
11:00 - 11:30 Mike Preuss (Technische Universität Dortmund)
Experimental Analysis of Metaheuristics
11:45 - 12:15 Jörn Mehnen (Cranfield University)
Robust Multi-objective Optimisation of Weld Beads for Additive Manufacturing
12:30 Lunch / Walk / Coffee and tea

Session 5: Control Charts
15:30 - 16:00 Amor Messaoud (University of Jendouba, Tunisia)
Prediction of Spiralling in a Drilling Process
16:15 - 16:45 Philippe Castagliola (Université de Nantes)
Monitoring Variability with EWMA
16:45 Closing
17:00 End of the workshop