Program

Friday, May 14, 2010

until 13:00  Meeting at the Department of Statistics, Technische Universität Dortmund
13:00  Transfer to Bommerholz (by car)
13:45  Opening

Session 1: Design of Experiments 1
14:00 - 14:40  Kalliopi Mylona (National Technical University of Athens)
A General Construction Method for Mixed-Level Supersaturated Designs
14:40 - 15:20  Tim Holland-Letz (Ruhr-Universität Bochum)
Geometric representations for random effects models
15:20 - 16:00  Min Yang (University of Missouri)
Determine support points of locally optimal designs for nonlinear models
16:00  Coffee and tea

Session 2: Optimization
16:40 - 17:20  Luis Martí (Universidad Carlos III de Madrid)
EMO Stopping Criteria: Detecting Stagnation in Multi-Objective Optimization
17:20 - 18:00  Martin Mönnigmann (Ruhr-Universität Bochum)
Robust optimization of nonlinear discrete-time processes with parametrically uncertain models
18:00  Dinner
from 20:00  Informal discussion in the bar
Saturday, May 15, 2010

from 7:30 Breakfast

Session 3: Control Charts
09:00 - 09:40 Philippe Castagliola (Université de Nantes)
Some Results Concerning the Run Rules, Synthetic and VSS Xbar
charts with Estimated Parameters
09:40 - 10:20 Sven Knoth (HSU Hamburg)
Control charting under drift
10:20 - 11:00 Issam Ben Khediri (Technische Universität Dortmund)
Kernel K-means clustering based Local Support Vector Domain
Description control chart
11:00 - 11:20 Break / Coffee and tea

Session 4: Design of Experiments 2
11:20 - 12:00 Peter Goos (University of Antwerp)
A comparison of sampling methods for approximating integrals in
the optimal design of conjoint choice experiments
12:00 - 12:40 Ulrike Grömping (BHT Berlin)
Orthogonal arrays in statistical software
12:45 Lunch / Walk / Coffee and tea

Session 5: Physical models and practical considerations
15:30 - 16:10 Stefan Bilbao (University of Edinburgh)
Numerical Sound Synthesis
16:10 - 16:50 Thijs Vermaat (TNT Post, Netherlands)
Process Control in practice at TNT Post
16:50 - 17:40 Anja Schleppe (Kraft Foods, Germany)
Claim Development and Verification
17:40 Closing
18:00 Dinner / End of the workshop