

9th Workshop on Quality Improvement Methods at the Universitätskolleg Bommerholz

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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 pa- rametrically 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