3rd Workshop on Quality Improvement Methods
at the Universitätskolleg Bommerholz
Bommerholzer Str. 60, 58456 Witten-Bommerholz
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Program

Friday, March 12, 2004

until 14:00	Meeting at the Department of Statistics, University of Dortmund
14:00	Transfer to Bommerholz (by car)

Session 1: Dynamic Systems

14:45	Opening
15:00 - 15:30 Holger Kantz (Dresden)	Probabilistic predictions for observed stochastic processes with approximate Markov property
15:45 - 16:15 Alexander Gepperth (Bochum)	Optimizing the BTA deep hole drilling process: a dynamical systems approach
16:30	Coffee

Session 2: Multivariate Optimisation

16:45 - 17:15 Heike Trautmann (Dortmund) (with C. Weihs)	Uncertainty of the Optimum Influence Factor Levels in Multicriteria Optimization Using the Concept of Desirability
17:30 - 18:00 Céline Le Bailly (Louvain-La-Neuve) (with B. Govaerts and B. Beck)	Using QSAR models in lead optimisation: the impact of prediction error in the optimisation of aggregated responses
18:15	Dinner
from 20:00	Informal discussions in the bar of the institute

Saturday, March 13, 2004

from 7:30	Breakfast

Session 3: Experimental Design

9:00 - 9:30 David Steinberg (Tel Aviv) — Robust design from computer simulators

9:45 - 10:15 Tormod Naes (Ås) — Experimental design and analysis in situations with uncontrolled raw material variation

10:30 — Break / Coffee

Session 4: Longitudinal Data

11:00 - 11:30 Jan Engel (Eindhoven) — Modelling factorial effects and longitudinal data by Semiparametric Models

11:45 - 12:15 Bernadette Govaerts (Louvain-La-Neuve) (with Jonathan Noël) — Analysing experimental design results when the response is a curve: a case study in polymers R&D.

12:30 — Lunch / Walk /Coffee

Session 5 Applications in Industry

15:30 - 16:00 Ulrike Grömping (Köln) — Application of DoE in Automotive Industry

16:15 - 16:45 Jutta Jessenberger (Neuss) — Bridging the gap between theory and practice - Lean Six Sigma, a new quality approach at Xerox

17:00 - 17:30 Anja Schleppe (Dachau) — Inflator Control Plan Project – A 6-Sigma Approach for Airbag Development Programs

17:45 — Closing

18:00 — Dinner / End of the workshop