

# 6th Workshop on Quality Improvement Methods at the Universitätskolleg Bommerholz

Bommerholzer Str. 60, 58456 Witten-Bommerholz  
tel.: (0 23 02) 39 60 fax.: (0 23 02) 39 63 20

## Program

FRIDAY, MAY 18, 2007

until 14:00	Meeting at the Department of Statistics, University of Dortmund
14:00	Transfer to Bommerholz (by car)
14:45	Opening
<b>Session 1:</b>	<b>Applications I</b>
15:00 - 15:30	Jan Engel (CQM, Eindhoven) Paired Comparisons in Visual Perception Studies Using Small Sizes
15:45 - 16:15	Frank Gerhorst (Ford-Werke GmbH, Köln) The Most Probable Point in Systems Engineering Uncertainty Analysis, incl. Discussion of Alternatives
16:30	Coffee and tea
<b>Session 2:</b>	<b>Microarrays</b>
16:45 - 17:15	Jörg Rahnenführer (University of Dortmund, Dortmund) What Are Microarrays?
17:30 - 18:00	Rosemary Bailey (University of London, London) Conflicts between Optimality Criteria in Incomplete Block-Designs for Microarray Experiments
18:15 - 18:45	Sven Stanzel, Ralf-Dieter Hilgers (RWTH Aachen, Aachen) Optimal Statistical Planning of 3-factorial Two-color cDNA Microarray Experiments
19:00	Dinner
from 20:30	Informal discussion in the bar

## SATURDAY, MAY 19, 2007

from 7:30	Breakfast
<b>Session 3:</b>	<b>Case-Based Reasoning</b>
09:00 - 09:30	Armin Stahl (DFKI, Kaiserslautern) Applying Case-Based Reasoning
09:45 - 10:15	Petra Perner (IBaI Institute, Leipzig) Model Improvement by Case-Based Reasoning with Practical Experiences for Image Segmentation
10:30 - 11:00	Break / Coffee and tea
<b>Session 4:</b>	<b>Applications II</b>
11:00 - 11:30	Roland Ewers (Benteler Automobiltechnik, Paderborn) Optimization of Line-production Processes in Incremental Forming by Use of Statistical Methods
11:45 - 12:15	Ulrike Grömping (TFH Berlin, Berlin) Multiple Imputation of Missing Values for Multivariate Analysis
12:30	Lunch / Walk / Coffee and tea
<b>Session 5:</b>	<b>Spectrometry</b>
15:30 - 16:00	Ursula Garcarek (Roche Diagnostics, Penzberg) The Quality of Samples in Diagnostic Studies: the Influences of Sample Tubes and Keeping Time
16:15 - 16:45	Jörg Ingo Baumbach (ISAS, Dortmund) Ion Mobility Spectrometry in Medicine: Fundamentals, Successful Applications, and Open Questions to Data Evaluation
17:00 - 17:30	Sabine Bader (ISAS, Dortmund) Peak Detection and Characterisation for Ion Mobility Spectrometry Data
17:45	Closing
18:00	Dinner / End of the workshop