

17th Workshop on Quality Improvement Methods at Esplanade Hotel in Dortmund

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Program

FRIDAY, JUNE 14TH, 2019

13:30 *Welcome coffee*

14:00 Opening

Session 1:

14:10 – 14:55 William Q. Meeker, Iowa State University
The cautious use of Bayesian methods in reliability data analyses

14:55 – 15:40 Hanno Gottschalk, Bergische Universität Wuppertal
From statistical models for fatigue failure time to shape optimization

15:40 – 16:25 Olivier Roustant, École des Mines Saint-Étienne
Gaussian process modeling on a disk.
Application to process control in microelectronics

16:25 – 16:45 *Coffee and tea*

16:45 – 17:15 Poster session

Session 2:

17:15 - 18:00 Philippe Castagliola, Université de Nantes
Monitoring zero inflated Poisson processes:
estimated parameter case and extensions

18:00 – 18:45 Alicja Jokiel-Rokita, Wrocław University of Science and Technology
Estimation and prediction for trend-renewal processes

19:00 *Dinner*

from 20:30 Informal discussion at the bar

SATURDAY, JUNE 15TH, 2019

from 07:00 *Breakfast*

Session 3:

09:15 – 10:00 Marco S. Reis, University of Coimbra
Industrial data science for quality improvement

10:00 – 10:45 Philipp Otto, Leibniz Universität Hannover
Parallelized monitoring of dependent spatiotemporal processes

10:45 *Coffee and tea*

Session 4:

11:00 – 11:45 Ulrike Grömping, Beuth Hochschule für Technik (BHT) Berlin
Equivalence of experimental designs

11:45 – 12:30 Rosemary A. Bailey, University of St Andrews
Blocking in multi-stage experiments

12:30 *Lunch*

13:15 *Walk*

Session 5:

14:00 – 14:45 Kirsten Schorning, Ruhr-Universität Bochum
Optimal designs for frequentist model averaging

14:45 – 15:30 John Stufken, Arizona State University
Augmenting definitive screening designs

15:30 Closing

15:40 *Coffee and tea / End of the workshop*