14th Workshop on Quality Improvement Methods
at Esplanade Hotel in Dortmund

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Program

FRIDAY, JUNE 05TH, 2015

14:00	Opening

Session 1:

14:10 – 14:55	Dhouha Mejri, ISG Tunis, University of Tunis *On combining control charts using ensemble method techniques for online data stream processes with concept drift*
14:55 – 15:40	Athanasios C. Rakitzis, Université de Nantes & IRCCyN UMR CNRS 6597 *An EWMA-type Chart for Monitoring Poisson Counts*
15:40	Coffee and tea

Session 2:

16:00 - 16:45	Manuel Cabral Morais, CEMAT and Instituto Superior Técnico, Universidade de Lisboa *On control charts and the detection of increases in the traffic intensity*
16:45 – 17:30	Oliver Meyer, TU Dortmund University *Uncertainty progression in process chains*
17:30	Break

Session 3:

17:50 – 18:35	Ursula Garczarek, Unilever *Without statistical DoE, 30% of experimental runs are wasted*
18:35 – 19:20	Winfried Theis, Shell *How well do we need to measure our drilling mud?*
19:20	Dinner
from 20:30	Informal discussion at the bar

from 07:00   Breakfast

Session 4:

09:30 – 10:15   Simone Hermann, TU Dortmund University
                    Bayesian Prediction of Crack Growth Based on a Hierarchical Diffusion Model

10:15 – 11:00   Johanna Kappus, Universität Rostock
                    An overview of estimation strategies for discretely observed jump processes

11:00   Coffee and tea

Session 5:

11:20– 12:05   Ulrike Grömping, Beuth University of Applied Sciences, Berlin
                    (Non-)regularity of general orthogonal arrays and consequences for experimentation

12:05   Lunch

13:00   Walk

Session 6:

14:00 – 14:45   Eric Beutner, Maastricht University
                    A semi-parametric model for recurrent events and its statistical properties

14:45 – 15:30   Olha Bodnar, Physikalisch-Technische Bundesanstalt, Berlin
                    Statistical methods for quality assessment of adjusted fundamental constants

15:30   Closing

15:40   Coffee and tea / End of the workshop

Invited Discussant:

Rosemary Bailey, School of Mathematics and Statistics, University of St Andrews, Scotland