

IGDK Optimal Design Workshop
Herrsching am Ammersee, 22. & 23. June, 2017

Thursday, 22.6.17

<i>12.00 – 13:30</i>	<i>Lunch</i>	
13.30– 13:35	Boris Vexler	Welcoming remarks
13.35 – 14:15	Thomas Wiedemann	Distributed PDE Constrained Exploration in a Probabilistic Framework
14:15 – 14:55	Ekaterina Kostina	Optimum Experimental Design Based on a Second-Order Analysis of Parameter Estimates
14:55 – 15:35	Thomas Carraro	Nonlinear optimal experimental design based on the SANCR method
<i>15:35 – 16:00</i>	<i>Coffee Break</i>	
16:00 – 16:40	Tommy Etling	Optimum Experimental Design by Shape Optimization of Specimens in Linear Elasticity
16:40 – 17:20	Anja Bettendorf	Internal Numerical Differentiation for Optimum Experimental Design for Parameter Estimation
17:20 – 18:00	Eric Legler	Solving Regularized OED Problems by Primal-Dual Algorithms
<i>18:30</i>	<i>Dinner followed by informal scientific exchange</i>	

Friday, 23.6.17

<i>7:30 – 9:00</i>	<i>Breakfast</i>	
09:00 – 09:40	Ilka Riedel	Optimal Sensor Placement for Data Assimilation Problems
09:40 – 10:20	Daniel Walter	Optimal Sensor Placement with Sparsity
<i>10:20 – 10:50</i>	<i>Coffee Break</i>	
10.50 – 11:30	Konstantin Pieper	Accelerated conditional gradient methods for sparse measure-valued optimization problems
11:30 – 12:10	Gregor Kriwet	Model Validation and Optimum Experimental Design of Partial Differential Equations
12.10– 12:15	Boris Vexler	Closing remarks
<i>12:15</i>	<i>Lunch, scientific exchange and departures</i>	