



# Workshop 2016

## Graduate School Solvation Science

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**5<sup>th</sup> of October 2016**

**TU Dortmund**

**Seminar room building FWW 6**

### Program

08:30 – 09:00	Registration
09:00 – 09:15	<b>Welcome</b> <i>Prof. Stefan M. Kast, TU Dortmund</i>
09:15 – 10:30	<b>Extended Poster Discussion (odd numbers)</b>
	<b>Science Talks:</b>
10:30 – 10:45	Capacitive Granular Bio-Cathodes enhance Electromethanogenesis in Methane-producing Microbial Electrolysis Cells under Current Control Mode <i>Florian Geppert, Fraunhofer UMSICHT</i>
10:45 – 11:00	Hydrogen activation by arylcarbenes: Tunneling and spin-selective reactions <i>Enrique Mendez-Vega, RUB</i>
11:00 – 11:15	A High-Dimensional Neural Network Potential for Liquid Water at Zinc Oxide: First Applications to the Non Polar (1010)/Water Interface <i>Vanessa Quaranta, RUB</i>
11:15 – 12:30	<b>Extended Poster Discussion (even numbers)</b>
12:30 – 13:30	Lunch
13:30 – 14:30	<b>ECR General Assembly</b>
	<b>Research at TU Dortmund:</b>
14:30 – 15:00	“Folding stability of a RNA hairpin: hydration, crowding and osmolytes” <i>Mimi Gao, TU Dortmund</i>
15:00 – 16:45	<b>Guided tours</b> <ul style="list-style-type: none"><li>• DELTA</li><li>• Chair for Thermodynamics</li></ul>