



## **Knowledge in Motion: FAU Research Alumni Meeting Vancouver 2018**

### **The Future of Digital Innovation**

**17<sup>th</sup> and 18<sup>th</sup> September 2018, Vancouver (Canada)**

**organized by Friedrich-Alexander-Universität Erlangen-Nürnberg  
under the auspices of the sponsorship programme “Research Alumni Meetings Abroad”  
administered by the Alexander von Humboldt Foundation  
and funded by the German Federal Ministry of Education and Research**

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#### **Context**

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The meeting is a constituent part of the collaborative project “International Research Marketing” which is a joint initiative by the Alexander von Humboldt Foundation, the German Academic Exchange Service, the Deutsche Forschungsgemeinschaft and the Fraunhofer-Gesellschaft. All the activities within the project are part of the “Promote Innovation and Research in Germany” initiative under its brand “Research in Germany”. The initiative is funded by the German Federal Ministry of Education and Research.

# Programme Outline

## Monday, 17<sup>th</sup> September 2018

**Location:** Board Room, UBC Institute for Computing, Information and Cognitive Systems (ICICS), Vancouver Campus, 2366 Main Mall, Vancouver, BC Canada V6T 1Z4

8.00 am – 8.30 am      **Registration & Coffee**

8.30 am – 9.15 am      **Welcoming Remarks**

Prof. Robert Rohling, Director of the UBC Institute for Computing, Information and Cognitive Systems (ICICS)

Prof. Dr. Kathrin M. Möslin, FAU Vice President Outreach

Prof. Dr. Kathrin M. Möslin, FAU Vice President Outreach on behalf of the Alexander von Humboldt Foundation

Prof. Chris Orvig, UBC Department of Chemistry & Ambassador Scientist of the Alexander von Humboldt Foundation

9.15 am – 9.45 am      **Introductory Remarks**

Prof. Lutz Lampe, UBC Department of Electrical and Computer Engineering

“A Bottom-up Approach to Smart Grid Monitoring”

9.45 am – 10.45 am      **Scientific Talks 1**

Prof. Robert Rohling, Director of the UBC Institute for Computing, Information and Cognitive Systems (ICICS)

“Computational Medical Imaging”

Prof. Luciana Duranti, UBC School of Library, Archival and Information Studies

“A Digital Infrastructure for Transparency and Accountability”

10.45 am – 11.00 am      **Coffee Break**

11.00 am – 12.00 pm      **Scientific Talks 2**

Prof. Gail Murphy, UBC Department of Computer Science & UBC Vice President Research & Innovation

“Canada’s Digital Technology Supercluster”

Prof. Dr. Kathrin Möslin, Chair of Value Creation and Innovation at FAU & FAU Vice President Outreach

“Making Digital Innovation Happen: The FAU Ecosystem”

12.00 pm – 1.00 pm	<b>Lunch Break</b>
1.00 pm – 2.00 pm	<p><b>Scientific Talks 3</b></p> <p>Prof. Robert Schober, Institute for Digital Communications at FAU</p> <p>“How to Communicate Inside a Human Body”</p> <p>Prof. Karen Cheung, UBC Electrical and Computer Engineering</p> <p>“Digital Innovation in Biotechnology”</p>
2.00 pm – 2.15 pm	<b>Coffee Break</b>
2.15 pm – 3.15 pm	<p><b>Scientific Talks 4</b></p> <p>Dr. rer. nat. Nadine Lang, Fraunhofer IIS, Erlangen</p> <p>„Human Centered Digital Innovation“</p> <p>Prof. John Madden, UBC Electrical and Computer Engineering</p> <p>“Soft Materials for Wearable Sensors”</p>
3.15 pm – 3.30 pm	<b>Coffee Break</b>
3.30 pm – 4.30 pm	<p><b>Podium Discussion</b></p> <p>“The research environment in North America &amp; Germany – differences, challenges and similarities”</p>
4.30 pm – 4.45 pm	<b>Coffee Break</b>
4.45 pm – 5.15 pm	<p><b>Final Presentations</b></p> <p><i>Research and Research Funding Opportunities in Germany</i> (Prof. Robert Schober, Institute for Digital Communications at FAU, on behalf of the Alexander von Humboldt Foundation)</p> <p><i>FAU’s Alumni and Ambassador Concept</i> (Christina Dworak, FAU Office for Marketing)</p>
7.30 pm – 10.00 pm	<p><b>Networking Dinner</b></p> <p><b>Location:</b> Sage Bistro, 6331 Crescent Road, University Centre, Vancouver, BC V6T 1Z2</p>

**Tuesday, 18<sup>th</sup> September 2018**

10.00 am – 12.30 pm      ***Lab Visits***

1.00 pm – 2.30 pm      ***Farewell Lunch***

**Location:** Sage Bistro, 6331 Crescent Road, University  
Centre, Vancouver, BC V6T 1Z2