



# NEW FRONTIERS IN CONSTRUCTION

## CERC Applied Research Conference – March 16, 2017



### CONFERENCE AGENDA

*Examining pressing issues for the construction industry since 2011*

**7:30AM – 9:00AM**

**Networking Breakfast - Sponsored by NWCCC**

**9:00AM – 9:15AM**

**Opening – Welcome -** Dr. Carrie Sturts Dossick, CERC Executive Director and CM Professor

**9:15AM – 10:00AM**

**KEYNOTE: *Taming Multidimensional Complexity of Major Projects***

**Speaker:**

***Katharina Klemt-Albert***

Professor Klemt-Albert is director of the department Construction Management and Digital Engineering at Leibniz University in Hanover, Germany. Former CTO at an international engineering and consulting company with 1,500 associates, she has realized major projects worldwide with focus on Germany, Saudi Arabia, Qatar, Singapore and China.

**10:15AM – 11:45AM**

**SESSION 1**



**Session 1A:**

1.5 AIA LU

**1A - *Getting to Zero: Reducing the Carbon Footprint of Building Construction***

*Lead: Kate Simonen. Presenters: Barbara Rodriguez (UW), Erin McDade (Arch 2030), Stacy Smedly(Skanska)*

**Session 1: B**

1.5 AIA LU

**1B - *New Tech and New Teams: Industry Trends in Working Together with Data***

*Lead: Carrie Dossick. Presenters: Kacie Shull et al (CSU), Heta Kosonen (UW), Bitu Astaneh Asl (UW), Alireza*

**Session 1: C**

1.5 AIA LU

**1C- *Tunnels, Trains, and Construction Innovations: Overcoming Obstacles to Bertha and the I-90 Light Rail*** *Lead: Kamran Nemati w/ Mr. David Sowers, of Washington State Dept. of Transportation*

**Session 1: D**

1.5 AIA LU/HSW

**1D - *Construction Management Occupational Safety and Health (CMOSH)***

*Lead: Ken-Yu Lin, Presenters: Noah Seixas (UW), Chris Mak (UW), Miriam Calkins (UW), Diane Davies*

**12:00PM – 12:30PM**

**Lunch**

**12:30PM – 1:30PM**

**Poster Session with lightening rounds**

**1:30PM – 2:15PM**

**KEYNOTE: *From Vision to Implementation: a Converging Pathway of an Eco-System of Construction Innovation***

**Speaker:**

***Xiangyu Wang***

This keynote presents a pathway of converging research that creates an eco-system, which integrates industry and academia. We will look at a variety of emerging integrations of new business models, disruptive technologies and innovative management philosophies.

**2:30PM – 4PM**

**SESSION 2**



**Session 2A:**

1.5 AIA LU

**2A - *Industry-Academic Innovators***

*Lead: Carrie Sturts Dossick. Presenters: Ivanka Jordanova (Pomerleau Inc.), Michael Parkes (Hansen Yuncken)*

**Session 2: B**

1.5 AIA LU/HSW

**2B - *Sustainability in Construction: Innovative Solutions for the Built Environment***

*Lead: Hyun Woo "Chris" Lee. Presenter: David Walsh (Sellen), Erdem Coleri (OSU), Chung Ho et al (UW and OSU), Jessica Kaminsky (UW)*

**Session 2: C**

1.5 AIA LU

**2C - *Solving Critical Construction and Design Errors: A Tale of Water and Fire***

*Lead: Saeed Daniali*

**4:00 – 5:00 PM**

**HAPPY HOUR: Sponsored by our own CM Construction Industry Advisory Council**