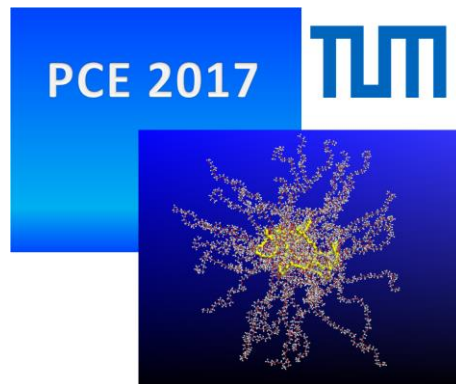




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**TUM**  
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**2<sup>nd</sup> International Conference on  
Polycarboxylate Superplasticizers  
(PCE 2017)**

September 27 - 28, 2017  
Munich, Germany

[www.pce-conference.org](http://www.pce-conference.org)

**Hosted by**

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## PROGRAM

Wednesday, September 27, 2017

MW 0350 Egbert-von-Hoyer-Hörsaal

### WORKSHOP

09:30–10:15 Prof. Johann Plank  
***Chemistry of PCE Superplasticizers***

10:15–11:00 Prof. Johann Plank  
***Industrial Production of PCE Polymers***

11:00–11:30 COFFEE BREAK

11:30–12:30 Dr. Lei Lei  
***Characterization of PCE Superplasticizers***

12:30–14:00 LUNCH BREAK

14:00–15:30 Dr. Jeknavorian  
***Defoaming Technologies for Polycarboxylate-based Superplasticizers***

15:30–16:15 Prof. Johann Plank  
***Application Aspects of PCEs***

## PROGRAM

Wednesday, September 27, 2017

MW 0350 Egbert-von-Hoyer-Hörsaal

### WORKSHOP

16:15–16:30 COFFEE BREAK

16:30–18:00 ***Lab Tour to Center For Advanced PCE Studies Demonstration of Synthetic and Analytical Instrumentation***

18:30 ***GET-TOGETHER @ Gasthof Neuwirt Garching***

**Date: 17.07.2017**  
**Program subject to changes**

# PROGRAM

Thursday, September 28, 2017

MW 1801 Ernst-Schmidt-Hörsaal

- 09:00 Opening
- 09:10 Welcome and organizational details  
Prof. Johann Plank/ Dr. Lei Lei

## Oral presentation I Chair: Prof. Johann Plank

- 09:30–10:00 Dr. Ara Jeknavorian  
Jeknavorian Consulting Services, US  
**Overview of the Concrete Applications enabled by Polycarboxylate-based Admixtures and Proposal for future direction for PCE technology development**
- 10:00–10:20 Jürg Weidmann, Sika, CH  
**PCE with well-defined structures as powerful concrete superplasticizers for alkali-activated binders**
- 10:20–10:40 Dr. Verena Feldmann, Clariant, D  
**Polyglycols and Polyetheramines as Macromonomers for PCEs**
- 10:40–11:00 COFFEE BREAK & POSTER SESSION

# PROGRAM

Thursday, September 28, 2017

MW 1801 Ernst-Schmidt-Hörsaal

## Oral presentation II Chair: Dr. Lei Lei

- 11:00–11:20 Dr. Christian Trieflinger, BASF, D  
**Stabilizing Cement Based Formulations Against Segregation & Bleeding**
- 11:20–11:40 Dr. Robert Baumann, Dow, CH  
**Clay Tolerant Concrete Superplasticizers**
- 11:40–12:00 Dr. Jun Ren, CABR, CN  
**Effectiveness and Impact of Polycarboxylate Slump-retaining Admixture in Fresh Concrete**
- 12:00–12:20 Prof. Ozge Akbulut  
Sabanci University, TR  
**Design and synthesis of a PCE-based superplasticizer for calcium aluminate cement**
- 12:20–14:00 LUNCH BREAK

## PROGRAM

Thursday, September 28, 2017

MW 1801 Ernst-Schmidt-Hörsaal

### Oral presentation III

Chair: Dr. Gerhard Albrecht

14:00–14:20 Claudio Limone, Cemex, CH  
***Kinetic modelling of the synthesis of polycarboxylate ether via acrylic copolymers partial esterification***

14:20–14:40 Ting Li, CBMA, CN  
***Preparation And Performance of Ultraretarded-releasing Polycarboxylate Superplasticizer***

14:40–15:00 Iñaki Emaldi  
University of the Basque Country, ES  
***Understanding the Effect of the Microstructure of MEPG-PCEs on Ordinary Portland Cements (OPC)***

15:00–15:20 Dr. Zichen Lu  
Tsinghua University, CN  
***Mechanism of Retardation Effect of Polycarboxylate Superplasticizer on Cement Hydration***

15:20–15:40 COFFEE BREAK & POSTER SESSION

## PROGRAM

Thursday, September 28, 2017

MW 1801 Ernst-Schmidt-Hörsaal

### Oral presentation IV

Chair: Dr. Ara Jeknavorian

15:40–16:00 Dr. Bin Yu, COSL, CN  
***Solving Negative Additive–Additive Interactions in Oil Well Cement Slurries Containing PCEs***

16:00–16:20 Dr. Julia Stroh, BAM, D  
***Direct Insight into the Admixture Activity During Cement Hydration Using Levitated Droplet Method***

16:20–16:50 Prof. Johann Plank, TUM, D  
***Future Perspectives of PCE technology***

16:50–17:00 **Award Ceremony for Dr. Gerhard Albrecht, BASF**

17:00–17:10 **Closure**

19:00 **CONFERENCE DINNER @ Hofbräuhaus München**