



GLASS PERFORMANCE DAYS 2019  
JUNE 26-28, TAMPERE FINLAND



# WORKSHOP

## ALL-GLASS CONSTRUCTIONS: REQUIREMENTS FOR DESIGN & ENGINEERING

### SUMMARY

Within 4 hours the participants will gain an insight to the process of realizing complex all-glass facade structures. This workshop will discuss glass design, structural and movement concepts, bearing strategy, manufacturing, installation and the use of large glass sizes and its challenges. Following the introduction to a recently completed all-glass project and a short briefing, the participants will have to develop solutions in an interactive part. The participants will be supported by the workshop organizers. Hence, a main focus of the workshop is on the participant's collaborative and interactive development of design solutions for all-glass projects where the recently built facade **ICONSIAM** in Bangkok, Thailand, forms the background for the task. The organizers will introduce the participants in the realized design of the final facade in the last part of this workshop. Other examples of all-glass projects will be presented and discussed, too.

Target group for this workshop are young and motivated engineers, designers and architects at the beginning of their career with a strong interest in steel and glass construction.

### KEY POINTS

- Design and engineering for a suspended all-glass façade
- Large glass sizes
- Site logistics

### TIMETABLE 26TH OF JUNE

09:00 Welcome to the workshop, introduction  
09:30 Interactive and collaborative design development of facade details and concepts  
11:00 Presentation of results and discussion by workshop participants  
12:00 Presentation and discussion of all-glass projects by workshop organizers  
13:00 End of workshop

Duration: 4 hours



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## ORGANISERS



### CHRISTOPH BAUCHINGER

Christoph has been working as a façade professional for seele for more than 10 years and has successfully completed large scale projects worldwide. As Design Leader and certified Façade Engineer, Christoph is heading design teams that focus on steel-glass-structures and all-glass designs.



### DR. MARTIEN TEICH

Martien is heading the Engineering, Research & Development Team at seele responsible for all-glass- and steel-glass-structures. He has been with seele for more than 8 years. He has a PhD in blast engineering where he developed energy dissipating devices for cable façades. He also teaches shell structures at the University of the German Armed Forces at Munich.