SimAUD 2018
PRE-CONFERENCE WORKSHOPS

SimAUD2018 includes three days conference and one day pre-conference workshops. The workshops can be attended both by registered conference attendees and by anyone else interested. In both cases, a registration to the workshop(s) is required. No workshop fee applies to registered conference attendees. A small fee applies to the others participants (full fee: $70 – students fee: $25), for which there is no refund in case of cancellation after May 1st. To register to the entire conference event, including workshops, please use the QR code or visit: https://goo.gl/MHN3Nj. To register only to (one or more) workshops, please visit: https://goo.gl/4yTzr

**01 Adaptive Second Skins**  
Mostafa Atwa & Ahmed Fayed

**02 Advanced Optimization Technology for Generative Building Design**  
Alberto Clarich

**06 Immersive Simulation Representation through Virtual Reality**  
Amber Bartosh

**07 Intuitive Design Environments through Virtual Reality and Robotic Fabrication**  
Serdar Aşut & Arno Freeke

**09 Multimaterial Robotic Assembly**  
Sina Mostafavi, Henriette Bier, Benjamin Kemper & Yu-Chou Chiang

**10 Network analysis based dynamic urban simulation in Grasshopper**  
Reinhard Koenig, Martin Bielik & Sven Schneider

**11 Next generation parametric design with Packhunt.io**  
Jeroen Coenders & Anke Rolvink

**12 Open Collaborative Design, Simulation & Analysis Flows**  
Dimitrie Stefanescu, Paul Poinet & Giovanni Betti

**08 Morphogenetic Fluid Dynamics – Designing with CFD**  
Angelos Chronis

**13 Practical Python for Building Performance Analysis**  
Clayton Miller

**15 SMART Hospital Architecture, the development of a data driven simulation model**  
Johan van der Zwart, Tor Asmund Evjen, Domique Brodbeck & Nirit Pilosof

**16 Urban Interrelationalism: City Prototypes Based on Programmed Regulations**  
Elisa Pozo Menendez & Sergio del Castillo Tello

**03 Analyzing Solar and Daylighting Access in Urban Areas**  
Raphael Compagnon & Christina Chatzipoulka

**04 Building Physics Modeling**  
Ruud Börger

**05 How I Learned to Stop Worrying and Love Uncertainty**  
Parag Rastogi

**14 Simulating Circadian Effects**  
Siobhan Rockcastle, Marilyne Andersen, Martine Knoop, Aicha Diakite, Frederic Rudawski & Jon Sargent