

# SimAUD<sub>2018</sub>

## PRE-CONFERENCE WORKSHOPS

SYMPOSIUM ON SIMULATION //  
FOR ARCHITECTURE + URBAN DESIGN

TU DELFT, NETHERLANDS  
4TH JUNE 2018

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/MHNN3J>. To register only to (one or more) workshops, please visit: <https://goo.gl/4qyTZr>



	8:30 - 9:00	9:00 - 10:30	10:30 - 11:00	11:00 - 12:30	12:30 - 13:30	13:30 - 15:00	15:00 - 15:30	15:30 - 17:00	17:00
		<b>01 Adaptive Second Skins</b> Mostafa Atwa & Ahmed Fayed							
		<b>02 Advanced Optimization Technology for Generative Building Design</b> Alberto Clarich							
		<b>06 Immersive Simulation Representation through Virtual Reality</b> Amber Bartosh							
		<b>07 Intuitive Design Environments through Virtual Reality and Robotic Fabrication</b> Serdar Aşut & Arno Freeke							
		<b>09 Multimaterial Robotic Assembly</b> Sina Mostafavi, Henriette Bier, Benjamin Kemper & Yu-Chou Chiang							
		<b>10 Network analysis based dynamic urban simulation in Grasshopper</b> Reinhard Koenig, Martin Bielik & Sven Schneider							
		<b>11 Next generation parametric design with Packhunt.io</b> Jeroen Coenders & Anke Rolvink							
		<b>12 Open Collaborative Design, Simulation &amp; Analysis Flows</b> Dimitrie Stefanescu, Paul Poinet & Giovanni Betti							
		<b>08 Morphogenetic Fluid Dynamics – Designing with CFD</b> Angelos Chronis				<b>03 Analyzing Solar and Daylighting Access in Urban Areas</b> Raphaël Compagnon & Christina Chatzipoulka			
		<b>13 Practical Python for Building Performance Analysis</b> Clayton Miller				<b>04 Building Physics Modeling</b> Ruud Börger			
		<b>15 SMART Hospital Architecture, the development of a data driven simulation model</b> Johan van der Zwart, Tor Åsmund Evjen, Dominique Brodbeck & Nirit Pilosof				<b>05 How I Learned to Stop Worrying and Love Uncertainty</b> Parag Rastogi			
		<b>16 Urban Interrelationalism: City Prototypes Based on Programmed Regulations</b> Elisa Pozo Menéndez & Sergio del Castillo Tello				<b>14 Simulating Circadian Effects</b> Siobhan Rockcastle, Marilyne Andersen, Martine Knoop, Aicha Diakite, Frederic Rudawski & Jon Sargent			
<b>WELCOME AND WORKSHOP REGISTRATION</b>		<b>WORKSHOP</b>	<b>COFFEE BREAK</b>	<b>WORKSHOP</b>	<b>LUNCH</b>	<b>WORKSHOP</b>	<b>COFFEE BREAK</b>	<b>WORKSHOP</b>	<b>CLOSING REMARKS</b>