

Programme

Monday, 5 October 09 - Day 1

<i>Times</i>	<i>Subject</i>	<i>Name</i>	<i>Topic</i>
09:00 - 09:30	Check-In	Rumpfenhorst/Sternitzke	Registration
09:30 - 10:00	Intro	Gengnagel/Zonitsas	Welcome
10:00 - 10:45	Key Note	Axel Kilian, TU Delft	"Designexplorations"
11:00 - 11:45	Key Lecture	Marc Fornes, Theverymany, New York	"Different, Similar, Identical"
12:00 - 12:45	Key Lecture	Andrew Marsh, Autodesk, Inc., Isle of Man	"Generative and Performative Design Techniques"
13:00 - 14:00	Lunchbreak		
14:00 - 18:00	Master Classes I, II	Fornes, Marsh	
14:00 - 18:00	Workshop I, III, IV	Mangelsdorf, Förster, Fraguada, Brockmann	
14:00 - 15:30	Case Study Case Study Case Study	Andreas Kluibenschedl, Bernard Ingenieure, Hall Florian Heinzelmann, TU Delft Judith Reitz, Daniel Baerlecken, RWTH Aachen	"Using CATIA V5 in Civil Engineering Design" "Origami Lightweight structure & daylighting modulation" "Interlacing Systems"
15:30 - 16:00	Coffeebreak		
16:00 - 17:30	Case Study Case Study Case Study	Wolfgang Höhl, HMK, München Michel David Dominik Wöllm, FH Pforzheim	"Interactive Environment with Open-Source-Software" "Helixator - helical escalators and moving walkways" "Sports Mobility Vehicle – a Design Project "
17:30 - 18:00	Coffeebreak		
18:00 - 19:00	Case Study Case Study	Gernot Riether, Daniel Baerlecken Georgia Institute of Technology Matias del Campo, SPAN Architecture & Design	"The GIRIH project " "Sense and Advanced Sensibility"

Tuesday, 6 October 09 - Day 2

<i>Times</i>	<i>Subject</i>	<i>Name</i>	<i>Topic</i>
09:00 - 09:45	Key Lecture	Wolf Mangelsdorf, Buro Happold London	"Complex Geometries: Strategies for Design and Realisation"
10:00 - 10:45	Key Lecture	Helmut Pottmann, TU Wien	"Paneling Architectural Freeform Surfaces"
11:00 - 11:45	Key Lecture	Norbert Palz, RDAoFA, Copenhagen	"Materiality without a Past"
12:00 - 12:45	Key Lecture	Kai Strehlke, Herzog & de Meuron, Basel	"CAD-CAM in the design process of HdM"
13:00 - 14:00	Lunchbreak		
14:00 - 18:00	Master Classes I, II	Fornes, Marsh	
14:00 - 18:00	Workshop I, III, IV	Mangelsdorf, Förster, Fraguada, Brockmann	
13:30 - 14:30	Postersession		
14:30 - 16:00	Case Study	Benjamin Koren, Herzog & de Meuron	"A parametric, sound-diffusive surface pattern design"
	Case Study	Michael Drobnik, RPM Architekten GmbH	"Tram and bus shelter Münchner Freiheit"
	Case Study	Alan Dempsey, NEX	"Process & Discipline in Contemporary Design practice"
16:00- 16:30	Coffeebreak		
16:30 - 18:30	Case Study	Christian Troche, Universität Kassel	"TPI - Tangent Plane Intersection"
	Case Study	Milos Dimcic, Florian Scheible, Knipers Helbig Advanced Engineering	"Controlled parametrical design over double curved surfaces"
	Case Study	Daniel Lordick, TU Dresden	"Intuitive Design and Meshing of Non-Developable Ruled Surfaces"
	Case Study	Martin Tamke, Mette Ramsgard Thomson RDAoFA, Copenhagen	"Implementing Digital Crafting"
20:00 - 23:00	Come Together	tba	

Wednesday, 7 October 09 - Day 3

<i>Times</i>	<i>Subject</i>	<i>Name</i>	<i>Topic</i>
09:00 - 09:45	Key Lecture	Rivka Oxman, Technion, Haifa	"Digital architecture as a challenge for design pedagogy"
10:00 - 10:45	Key Lecture	Oliver Tessmann, Bollinger + Grohmann, Frankfurt	"Collaborative Design Procedures of Architects and Engineers"
11:00 - 11:45	Key Lecture	Dennis R. Shelden, Gehry Technologies	"Parametric Modelling and Integrated Project Delivery"
12:00 - 12:45	Key Lecture	Robert Aish, Autodesk, Inc., London	"Language and Interaction for Design Computation"
13:00 - 14:00	Lunchbreak		
14:00 - 16:00	Master Classes I, II	Fornes, Marsh	
14:00 - 16:00	Workshop I, III, IV	Mangelsdorf, Förster, Fraguada, Brockmann	
14:00 - 15:30	Case Study	Tim Schork, RMIT University	"Modes of Composition – A Computational Approach to Design"
	Case Study	Michael Budig, Robert Neumayr, TU Innsbruck	"Generative Processes: script based design research in contemporary"
	Case Study	Corneel Cannaearts, Hogeschool voor Wetenschap en Kunst	"Teaching Physical and Digital Modelling in Architecture"
15:30 - 16:00	Coffeebreak		
16:00 - 17:00	Case Study	Martin Schroth, Tobias Wallisser, AdK Stuttgart	"Parametric Prototyping New Methods in Rule-Based Architecture"
	Case Study	Christophe Barlieb, Sven Pfeiffer, TU Berlin	"Rule Based Design Workshop at the TU Berlin"
17:00 - 17:30	Closing Session	Gengnagel/Zonitsas	