

SmartGeometry CONFERENCE



Symposium Day Agenda

24 MARCH, 2010 - PETIT PALAU

Time	Presentation	Speaker
08:30 - 09:00	Registration	
09:00 - 09:20	Welcome	SmartGeometry: Hugh Whitehead Bentley Systems: Huw Roberts
	RIPPLES IN TIME	
09:20 - 09:55	Geometry as Gaudi design driver	Mark Burry - RMIT
09:55 - 10:20	Full-size stone 3D printing	Enrico Dini - D-shape
10:20 - 10:45	Report for SG2010 Workshop "Working Prototypes" Design to Destruction Parametrics & Physical Interaction	Jonathan Rabagliati - Foster+Partners with Sam Conrad Joyce - Bath University /Buro Happold Dr. Al Fisher - Bath University /Buro Happold Hugo Mulder – Arup Przemek Jaworski - Foster + Partners Flora Dilys Salim - SIAL RMIT
10:45 - 11:15	Coffee and Tea Break	
	REALITY IS ANOTHER OUTPUT (1)	
11:15 - 11:50	Racing Prototypes	Darren Davies - Wirth Research
11:50 - 12:15	From termites to buildings <i>Towards a Sustainable Architecture</i>	Rupert Soar - Freeform Engineering Ltd and Loughborough University
12:15 - 12:40	Report for SG2010 Workshop "Working Prototypes" Inflatable Fabric Envelopes Deep Surfaces Curved Folding	Earl Mark – University of Virginia with Axel Kilian – Princeton Adam Davis - Foster + Partners Sean Alquist - University of Stuttgart Achim Menges - ICD at Stuttgart University Gregory Epps – Robofold Ltd. Simon Flöry - TU Wein
12:40 - 13:40	Lunch Break	
	REALITY IS ANOTHER OUTPUT (2)	
13:40 - 14:10	MACHINIC CONTROL: Design research with customized CNC devices	Marta Malé-Alemany - Institute for advanced architecture of Catalonia
14:10 - 14:35	RepRap - the Replicating Rapid Prototyper	Adrian Bowyer - Bath University
14:35 - 15:00	Report for SG2010 Workshop "Working Prototypes" High Tech Design – Low Tech Construction Rapid R&D to Rapid Assembly: Snap, Fit, Push on... Explicit Bricks	Rob Woodbury – Simon Fraser University with Gustav Fagerstrom – KPF David Kosdruy - KPF Juan E Subercaseaux – KPF Bruce Bell – Facit Ben Doherty - NOTION PARALLAX Ralph Baertschi – ETH Tobias Bonwetsch - ETH Andrea Kondziela - ETH

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15:00 - 15:30	Coffee and Tea Break	
	COMPLEXITY AND SYSTEMS DESIGN	
15:30 - 16:05	Engineering as prototype	Hanif Kara – Adams Kara Taylor
16:05 - 16:30	A working prototype of Networked Design	Jeroen Coenders - Arup / TU Delft
16:30 - 16:45	Parametric design futures	Lars Hesselgren - PLP Architecture
16:45 - 17:10	Report for SG2010 Workshop “Working Prototypes” Nonlinear Systems Biology and Design Manufacturing Acoustic Surfaces	Shane Burger – Grimshaw Architects with Andrew Lucia – Sabin+Jones LabStudio Jenny Sabin - Sabin+Jones LabStudio / Penn Peter Lloyd Jones - Sabin+Jones LabStudio / Penn Erica Savig - Sabin+Jones LabStudio / Penn Brady Peters – CITA Martin Tamke - CITA
17:10 - 17:35	Technology Update	Huw Roberts – Bentley Systems
17:35 - 18:00	Closing Remarks	Xavier de Kestelie – Foster + Partners