

Monday  
20/10/14

Tuesday  
21/10/14

Wednesday  
22/10/14

Thursday  
23/10/14

Friday  
24/10/14

Saturday  
25/10/14

Sunday  
26/10/14

8:00am							
9:00am	Workshops Introduction	Workshops Session 03	Workshops Session 05	Opening Remarks	Acadia Session 3: Material Agency Session Chair: Alisa Andrasek 7 speakers + roundtable	Acadia Session 5: Temporal Agency Session Chair: Neil Leach 7 speakers + roundtable	Acadia Session 6: Data Agency Session Chair: Kyle Steinfeld 7 speakers + roundtable
10:00am	Workshops Session 01			Acadia Session 1: Design Agency Session Chair: Roland Snooks 7 speakers + roundtable	Acadia Session 2: Parametric Agency Session Chair: Kris Mun 7 speakers + roundtable		Acadia Hackathon Hosted by Annenberg Innovation Lab
11:00am							
12:00am	(A)	(A)	(A)	(U)	(L)	(U)	(I)
1:00pm	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
2:00pm	Workshops Session 02	Workshops Session 04	Workshops Session 06	AIA Tap Panel	Acadia Session 4: Fabrication Agency Session Chair: Matias del Campo 7 speakers + roundtable	Paradigms of Computing Panel	Acadia Hackathon Hosted by Annenberg Innovation Lab
3:00pm				Acadia Session 1: Design Agency Session Chair: Roland Snooks 7 speakers + roundtable	Acadia Session 2: Parametric Agency Session Chair: Kris Mun 7 speakers + roundtable	Acadia Session 5: Temporal Agency Session Chair: Neil Leach 7 speakers + roundtable	Acadia Session 6: Data Agency Session Chair: Kyle Steinfeld 7 speakers + roundtable
4:00pm							
5:00pm	(A)	(A)	(A)	(U)	(L)	(U)	
6:00pm					Ice-cream social / Exhibition opening		
7:00pm		Evening Keynote: Hosted by Sci-Arc <b>Greg Otto</b>	Evening Keynote: Hosted by USC School of Architecture <b>Marc Fornes</b>	Evening Keynote: Hosted by USC <b>Will Wright</b>	Evening Keynote: Hosted by USC Visions and Voices <b>Zaha Hadid</b>	Evening Keynote: Hosted by USC <b>Casey Reas</b>	(I)
8:00pm		(S)	(A)	(U)	(B)	(U)	
9:00pm				Catered Dinner provided by ACADIA		Banquet Dinner provided by ACADIA	
				Exhibition Opening (A)		Awards Ceremony (U)	
				Suggested evening venue: Rooftop @ The Standard Hotel	Suggested evening venue: Upstairs @ The ACE Hotel	Suggested evening venue: EightyTwo	

(A) USC School of Architecture (B) USC Bovard Auditorium (U) USC Ronald Tutor Center Grand Ballroom (L) Loker Conference Center @ California Science Center (I) USC Annenberg Innovation Lab (S) Sci-Arc

THURSDAY 23RD - MORNING  
SESSION 1: DESIGN AGENCY

USC Ronald Tutor Center Grand Ballroom - Room A	Ⓚ	9:00AM		Introduction by the Chairs
		9:30AM		Session Introduction - Roland Snooks DESIGN AGENCY
		9:40AM	SPEAKER 1:	iGeo: Algorithm Development Environment for Computational Design Coders with Integration of NURBS Geometry Modeling and Agent Based Modeling <b>Satoru Sugihara</b>
		9:55AM	SPEAKER 2:	Bounded Agency: Integrating Informed Multi-agent Systems with Architectural Subtractions <b>Joshua M Taron - Matthew Parker</b>
		10:10AM	SPEAKER 3:	Agent-based models for computing circulation <b>Renee Puusepp</b>
		10:25AM	SPEAKER 4:	Context-Aware Multi-Agent Systems: Negotiating Intensive Fields <b>Rodrigo Shjordia Lopez - David Gerber</b>
		10:40AM	ROUNDTABLE	Round Table
		11:00AM		BREAK
USC Ronald Tutor Center Grand Ballroom - Room A	Ⓚ	11:30AM	SPEAKER 5:	Mesh Agency <b>Gwyllim Jahn - Tom Morgan - Stanislav Roudavski</b>
		11:45AM	SPEAKER 6:	Euclid's Wedge <b>Mark Ericson</b>
		12:00PM	SPEAKER 7:	Designing with Gradients: Bio-Inspired Computation for Digital Fabrication <b>Daniel Richards Martyn Amos</b>
		12:15PM	SPEAKER 8:	The Agency of Event: Event based simulation for architectural design <b>Paul Nicholas Martin Tamke Jacob Riiber</b>
		12:30PM	ROUNDTABLE	Round Table
		1:00PM		LUNCH BREAK

THURSDAY 23RD - MORNING  
SESSION 2: PARAMETRIC AGENCY

USC Ronald Tutor Center Grand Ballroom - Room B	Ⓚ	9:00AM		Introduction by the Chairs
		9:30AM		Session Introduction - Kris Mun PARAMETRIC AGENCY
		9:40AM	SPEAKER 1:	Interactive Shaping of Forces <b>Corentin Fivet - Denis Zastavni</b>
		9:55AM	SPEAKER 2:	Illustrated Programming <b>Antonio Leitao - José António Branquinho De Oliveira Lopes - Luís Santos</b>
		10:10AM	SPEAKER 3:	Digital Wallpaper and Envelopes: Tiles of proliferation and continuity <b>Sabri Gokmen - Daniel Baerlecken</b>
		10:25AM	SPEAKER 4:	Smart Nodes: A System for Variable Structural Frames with 3D Metal-Printed Nodes <b>Kristof Crolla - Nicholas Williams</b>
		10:40AM	ROUNDTABLE	Round Table
		11:00AM		BREAK
USC Ronald Tutor Center Grand Ballroom - Room B	Ⓚ	11:30AM	SPEAKER 5:	HARVEST Shade Screens: Programming material for optimal energy building skins <b>Jonathan Grinham - Robert Blabolil - Jeremy Haak</b>
		11:45AM	SPEAKER 6:	Snap-fit Joints - CNC fabricated, Integrated Mechanical Attachment for Structural Wood Panels <b>Christopher Robeller - Paul Mayencourt - Yves Weinand</b>
		12:00PM	SPEAKER 7:	Simplicity: Unitized FRP Façade Systems <b>Mark Cabrinha Jeff Ponitz</b>
		12:15PM	SPEAKER 8:	A Method for the Realisation of Complex Multi-material Gridshells <b>Iain Maxwell David Pigram Ole Egholm-Pedersen</b>
		12:30PM	ROUNDTABLE	Round Table
		1:00PM		LUNCH BREAK

THURSDAY 23RD - AFTERNOON  
SESSION 1: DESIGN AGENCY

USC Ronald Tutor Center Grand Ballroom - Room A	(U)	2:00PM		AIA TAP Panel
USC Ronald Tutor Center Grand Ballroom - Room A	(U)	3:00PM		Roland Snooks - Introduction to part 2 DESIGN AGENCY
		3:05PM	SPEAKER 1:	Exploring Interactions For Parametric Modeling, Starting from Text <b>Maher Elkhaldi</b> <b>Robert Woodbury</b>
		3:20PM	SPEAKER 2:	Configurations of Intensity <b>Mirco Becker</b>
		3:35PM	SPEAKER 3:	Productive Hybrids: Folding Social Media As Urban Analysis <b>Alexander Webb</b>
		3:50PM	ROUNDTABLE	Round Table
		4:10PM	BREAK	
USC Ronald Tutor Center Grand Ballroom - Room A	(U)	4:40PM	SPEAKER 4:	Imperative / Functional / Object-Oriented: an alternative ontology of programmatic paradigms for design <b>Kyle Steinfeld</b> <b>Carlos Sandoval</b>
		4:55PM	SPEAKER 5:	Everyone is an Architect <b>Claudia Otten</b>
		5:10PM	SPEAKER 6:	Polyomino – reconsidering serial repetition in combinatorics. <b>Jose Sanchez</b>
		5:25PM	SPEAKER 7:	Emergent Inactivities: From the Primitive Hut to the Cerebral Hut <b>Neil Leach</b>
		5:40PM	ROUNDTABLE	Round Table
USC Ronald Tutor Center Grand Ballroom - Room A-B	(U)	6:30PM	KEYNOTE	Keynote Lecture by <b>Will Wright</b>
USC School of Architecture	(A)	8:00PM	DINNER	Dinner provided by ACADIA

THURSDAY 23RD - AFTERNOON  
SESSION 2: PARAMETRIC AGENCY

USC Ronald Tutor Center Grand Ballroom - Room B	(U)	2:00PM		Talk: Jordan Brandt - Technology Futurist "The Complexity of Compiling Matter"
USC Ronald Tutor Center Grand Ballroom - Room B	(U)	3:00PM		Kris Mun - Introduction to part 2 PARAMETRIC AGENCY
		3:05PM	SPEAKER 1:	Parametric Planting: Green Wall System Research + Design using BIM <b>Danelle Briscoe</b>
		3:20PM	SPEAKER 2:	Digitally Designing Collaboration: Computational Approaches to Process, Practice, and Product <b>Andrew Heumann - Ryan Mullenix</b>
		3:35PM	SPEAKER 3:	Reverberating Across the Divide: Bridging virtual and physical contexts in digital design and fabrication <b>Madeline Gannon</b>
		3:50PM	ROUNDTABLE	Round Table
		4:10PM	BREAK	
USC Ronald Tutor Center Grand Ballroom - Room B	(U)	4:40PM	SPEAKER 4:	Easy to use yet not necessarily useful: New Technology in the Architectural Schematic Design Process <b>Elieel De La Cruz - Martin Tomitsch - Mary Lou Maher</b>
		4:55PM	SPEAKER 5:	A Framework for Linking Design and Fabrication in Geometrically Complex Architecture <b>Heinz Schmiedhofer - Martin Reis - Simon Flöry - Florian Rist - Georg Suter</b>
		5:10PM	SPEAKER 6:	Communicating Climate-Smart Scenarios with Data-Driven Illustrations <b>Nancy Cheng - Brian Lockyear</b>
		5:25PM	ROUNDTABLE	Round Table
USC Ronald Tutor Center Grand Ballroom - Room A-B	(U)	6:30PM	KEYNOTE	Keynote Lecture by <b>Will Wright</b>
USC School of Architecture	(A)	8:00PM	DINNER	Dinner provided by ACADIA

FRIDAY 24TH - MORNING  
SESSION 3: MATERIAL AGENCY

Loker Conference Center @ California Science Center	(L)	9:00AM	Session Introduction - Alisa Andrasek MATERIAL AGENCY
		9:10AM	SPEAKER 1: The Social Weavers: negotiating a continuum of agency <b>Paul Nicholas - David Stasiuk - Tim Schork</b>
		9:25AM	SPEAKER 2: Computational Sand Pile Techniques for Rough Acoustical Ceramics. <b>Rhett Russo</b>
		9:40AM	SPEAKER 3: Additive Formwork: 3D Printed Flexible Formwork <b>Brian Peters</b>
		9:55AM	SPEAKER 4: Tensile Effects: Semi-Ridged Concrete Formwork <b>Kenneth Tracy - Christine Yogiaman - Lavender Tessmer</b>
		10:10AM	ROUNDTABLE Round Table
		10:30AM	BREAK
Loker Conference Center @ California Science Center	(L)	11:00AM	SPEAKER 5: Bug-Out Fabrication: A Parallel Investigation using the Namib Darkling Beetle as a Biological Model and Incremental Sheet Metal Forming as a Fabrication Method <b>Ammar Kalo - Michael Jake Newsum</b>
		11:15AM	SPEAKER 6: Towards a Digital Anisotropic Materiality <b>Daniel Rhomberg</b>
		11:30AM	SPEAKER 7: From Surface to Volume - An Approach to Poche` with Composites <b>Nazareth Ekmekjian</b>
		11:45PM	SPEAKER 8: 4D Printing and Universal Transformation <b>Skylar Tibbits - Carrie McKnelly - Carlos Olguin - Shai Hirsch - Daniel Di</b>
		12:00PM	ROUNDTABLE Round Table
Loker Conference Center @ California Science Center	(L)	12:20PM	AWARD TALK Awards Lecture by <b>Neil Gershenfeld</b>
		1:00PM	LUNCH BREAK

FRIDAY 24TH - AFTERNOON  
SESSION 4: FABRICATION AGENCY

Loker Conference Center @ California Science Center	(L)	2:00PM	Session Introduction - Matias Del Campo FABRICATION AGENCY
		2:10PM	SPEAKER 1: Centennial Chromagraph: Data Spatialization and Computational Craft <b>Adam Marcus</b>
		2:25PM	SPEAKER 2: Behavioral Strategies: Synthesizing design computation and robotic fabrication of lightweight timber plate structures <b>Tobias Schwinn - Oliver David Krieg - Achim Menges</b>
		2:40PM	SPEAKER 3: Form Complexity - Rewind   'God's Eye' Sukkahville 2013 <b>Michail Georgiou - Odysseas Georgiou - Theresa Kwok</b>
		2:55PM	SPEAKER 4: Caret 6 and the Digital Revival of Gothic Vaults <b>Kory Bieg</b>
		3:10PM	ROUNDTABLE Round Table
		3:30PM	BREAK
Loker Conference Center @ California Science Center	(L)	4:00PM	SPEAKER 5: Nearly Minimal: How intuition and analysis inform the minimal surface geometries in the Pure Tension pavilion. <b>Alvin Huang - Stephen Lewis</b>
		4:15PM	SPEAKER 6: Integrative computational design methodologies for modular architectural fiber composite morphologies <b>Moritz Dörstelmann - Marshall Prado - Stefana Parascho - Jan Knippers - Achim Menges</b>
		4:30PM	SPEAKER 7: Designing Intricate Stereotomic Assemblies with Finite Element Method (FEM) Surface Buckling Simulation <b>Justin Diles</b>
		4:45PM	SPEAKER 8: Post-forming Composite Morphologies: Materialization and design methods for inducing form through textile material behavior <b>Sean Ahlquist</b>
		5:00PM	ROUNDTABLE Round Table
USC School of Architecture	(A)	5:30PM	Ice cream Social and Exhibition Opening
USC Bovard Auditorium		6:30PM	Collect Zaha Hadid Tickets at Bovard Hall
USC Bovard Auditorium	(B)	7:00PM	KEYNOTE Keynote Lecture by <b>Zaha Hadid</b>

SATURDAY 25TH - MORNING  
SESSION 5: TEMPORAL AGENCY

USC Ronald Tutor Center Grand Ballroom - Room A	Ⓚ	9:00AM		Session Introduction - Neil Leach TEMPORAL AGENCY
		9:10AM	SPEAKER 1:	Interface Activated Design Agency: Case for an Architectural Singularity Through Robotically Actuated Motion, Sense-Based Interaction and Computational Inference
		9:25AM		<b>Guvenc Ozel</b>
		9:40AM	SPEAKER 2:	This is not a Glitch: Algorithms and Anomalies
				<b>Jason Johnson</b> <b>Matthew Parker</b>
			SPEAKER 3:	Seeing and is Doing: Synthetic Tools for Robotically Augmented Fabrication in High-Skill Domains
				<b>Joshua Bard - Madeline Gannon - Zachary Jacobson-Weaver - Michael Jeffers - Brian Smith - Mauricio Contreras</b>
		9:55AM	SPEAKER 4:	One and Many: An Agent Perspective on Interactive Architecture
				<b>Henri Achten.</b>
		10:10AM	ROUNDTABLE	Round Table
		10:30AM	BREAK	

USC Ronald Tutor Center Grand Ballroom - Room A	Ⓚ	11:00AM	SPEAKER 5:	Adaptive Pneumatic Frameworks
				<b>Frank Melendez - Madeline Gannon - Zachary Jacobson-Weaver - Varvara Toulkeridou</b>
		11:15AM	SPEAKER 6:	PneuSystems: cellular pneumatic envelope assemblies
				<b>Kathy Velikov - Geoffrey Thun - Mary O'Malley</b>
		11:30AM	SPEAKER 7:	Casting Non-Repetitive Geometries with Digitally Reconfigurable Surfaces
				<b>Brad Bell - T. Cord Read - Austin Ede - Nathan Barnes</b>
		11:45PM	SPEAKER 8:	Peristalsis: A Real-World Lesson in Adaptable Space
				<b>Michael Fox - Juintow Lin</b>
		12:00PM	ROUNDTABLE	Round Table

USC Ronald Tutor Center Grand Ballroom - Room A	Ⓚ	12:20PM	AWARD TALK	Awards Lecture by <b>Jenny Sabin</b>
		1:00PM	LUNCH BREAK	

SATURDAY 25TH - MORNING  
SESSION 6: DATA AGENCY

USC Ronald Tutor Center Grand Ballroom - Room B	Ⓚ	9:00AM		Session Introduction - Kyle Steinfeld DATA AGENCY
		9:10AM	SPEAKER 1:	Abstraction versus Case Based: A Comparative Study of Two Approaches to Support Parametric Design
				<b>Anastasia Globa - Michael Donn - Jules Moloney</b>
		9:25AM	SPEAKER 2:	Acomodating Change in Parametric Design
				<b>Robert Vierlinger - Klaus Bollinger</b>
		9:40AM	SPEAKER 3:	Interacting with Thousands: A Parametric-Space Exploration Method in Generative Design
				<b>Halil Erhan - Ivy Wang - Naghmi Shireen</b>
		9:55AM	SPEAKER 4:	Hierarchical Plane Extraction (HPE): An Efficient Method for Extraction of Planes from Large PointCloud Datasets.
				<b>Naveen Anand Subramaniam - Kevin Ponto</b>
		10:10AM	ROUNDTABLE	Round Table
		10:30AM	BREAK	

USC Ronald Tutor Center Grand Ballroom - Room B	Ⓚ	11:00AM	SPEAKER 5:	Vacuum Insulated Tubes
				<b>Elizabeth Boone</b>
		11:15AM	SPEAKER 6:	ROBOTHERMODON: An Artificial Sun Study Lab with a Robot Arm and Advanced Model Platform - A Thermal Heliodon(STEVE: Solar Thermal EValuation Experiment)
				<b>Mehrnoush Latifi Khorasgani - Daniel Prohasky - Jane Burry - Aliakbar Akbarzadeh</b>
		11:30AM	SPEAKER 7:	Improving Genetic Algorithm for Design Optimization Using Architectural Domain Knowledge
				<b>Zhouzhou Su - Wei Yan</b>
		11:45PM	SPEAKER 8:	Experimental fibre composite fabrication methods for architectural applications
				<b>Marco Corazza - Viral Doshi - Axel Körner - Mehnaj Tabassum.</b>
		12:00PM	ROUNDTABLE	Round Table

USC Ronald Tutor Center Grand Ballroom - Room B	Ⓚ	12:20PM	TALK	Talk TBD
		1:00PM	LUNCH BREAK	

SATURDAY 25TH - AFTERNOON  
SESSION 5: TEMPORAL AGENCY

USC Ronald Tutor Center Grand Ballroom - Room A	(U)	2:00PM		Paradigms of Computing Panel
		3:00PM		Neil Leach - Introduction to part 2 TEMPORAL AGENCY
		3:05PM	SPEAKER 1:	Architecture in the era of accelerating change <b>Manuel Kretzer</b>
		3:20PM	SPEAKER 2:	Le Cube d'Après, Integrated Cognition for Iterative and generative Designs. <b>Pierre Cutellic</b>
		3:35PM	SPEAKER 3:	InSpire: Integrated Spatial Gesture Based Direct 3D Modeling and Display <b>Teng Teng - Brian Johnson</b>
		3:50PM	ROUNDTABLE	Round Table
		4:10PM	BREAK	
USC Ronald Tutor Center Grand Ballroom - Room A	(U)	4:40PM	SPEAKER 4:	Augmented Agency: Reorienting Trompe L'oeil in the Age of Google Earth <b>Joshua M Taron - Matthew Parker</b>
		4:55PM	SPEAKER 5:	Compression Based Growth Modelling <b>Christoph Klemmt</b>
		5:10PM	SPEAKER 6:	Creative Robotic Toolpath Design: Towards Robotic-Production Immanent Design in Micro and Macro Scale <b>Sigrid Brell-Cokcan - Johannes Braumann</b>
		5:25PM	SPEAKER 7:	Robotic Fabrication of Acoustic Brick Walls <b>Maximilian Vomhof - Lauren Vasey - Stefan Braeuer - Kurt Eggenschwiler - Jürgen Strauss - Fabio Gramazio - Matthias Kohler</b>
		5:40PM	ROUNDTABLE	Round Table
USC Ronald Tutor Center Grand Ballroom - Room A-B	(U)	6:30PM	KEYNOTE	Keynote Lecture by <b>Casey Reas</b>
USC Ronald Tutor Center Grand Ballroom - Room A-B	(U)	8:00PM	BANQUET	Banquet dinner provided by ACADIA and Awards Ceremony Tex-Fab Winner Announcement

SATURDAY 25TH - AFTERNOON  
SESSION 6: DATA AGENCY

USC Ronald Tutor Center Grand Ballroom - Room B	(U)	3:00PM		Kyle Steinfeld - Introduction to part 2 DATA AGENCY
		3:05PM	SPEAKER 1:	Synthetic Ecologies: Protocols, Simulation, and Manipulation for Indeterminate Landscapes
		3:20PM	SPEAKER 2:	<b>Justine Holzman - Bradley Cantrell</b> Using Physical Models in Design to Evaluate the Acclimatization of Kinetic Facades for Daylight and Thermal Performance <b>Kamil Sharaidin</b>
		3:35PM	SPEAKER 3:	MASS REGIMES: Geometrically Actuated Thermal Flows <b>Dana Cupkova - Nicolas Azel</b>
		3:50PM	ROUNDTABLE	Round Table
		4:10PM	BREAK	
USC Ronald Tutor Center Grand Ballroom - Room B	(U)	4:40PM	SPEAKER 4:	'Attachment' as Agency in Off-Site and On-Site Indicators of Phenomena in Geospatial Urban Analysis Tools <b>Philip Speranza</b>
		4:55PM	SPEAKER 5:	Selective Interference: Emergent complexity informed by programmatic, social and performative criteria <b>Christopher Welch - Tane Moleta - Jules Moloney</b>
		5:10PM	SPEAKER 6:	BIM and Knowledge Management for Archaeological Heritage <b>Davide Simeone - Stefano Cursi - Ilaria Toldo - Gianfranco Carrara</b>
		5:25PM	SPEAKER 7:	Understanding social behaviors in the indoor environment, a complex network approach <b>Mani Williams - Jane Burry - Asha Rao</b>
		5:40PM	ROUNDTABLE	Round Table
USC Ronald Tutor Center Grand Ballroom - Room A-B	(U)	6:30PM	KEYNOTE	Keynote Lecture by <b>Casey Reas</b>
USC Ronald Tutor Center Grand Ballroom - Room A-B	(U)	8:00PM	BANQUET	Banquet dinner provided by ACADIA and Awards Ceremony Tex-Fab Winner Announcement