

CAAD FUTURES 2015

Schedule

MAIN AUDITORIUM			SMALL AUDITORIUM		
Time	Sessions	Chair/Presenter(s)	Time	Sessions	Chair/Presenter(s)
DAY 1 - JULY 8th					
08:30	Registration				
	OPENING SESSION				
09:30	Host schools, Local Committee				
10:15	Break				
	Modeling, analyzing and simulating the city	Tom Kvan		Design knowledge and CAAD conferences	John Gero
10:30	Hybrid connections	S. Dickinson	10:30	A place at the table for research...	J. Moloney
10:55	Understanding face to face interactions...	J. Burry	10:55	Development of a multi-disciplinary university...	B. de Vries
11:20	Augmented reality	A. Cuperschmid	11:20	CAAD conferences	P. Veloso
11:45	Lunch		11:45	Lunch	
	Modeling, analyzing and simulating the city	Bauke de Vries		Sustainability and performance	Yasha Grobman
13:15	Urban codes	J. Moloney	13:15	Interrogating interactive...	S. C. Maia
13:40	Intelligent architectural settings	C. Beorkrem	13:40	Pedestrian as generator	J. Karakiewicz
14:05	The next city and complex adaptive systems	J. Karakiewicz	14:05	Dynamic façades and computation	R. V. Gomez
14:30	Break		14:30	Break	
	Modeling, analyzing and simulating the city	Eduardo Nardelli		Presentation of Industry Workshops results	Pedro Veloso
14:45	Smart city and internet of things	A. V. Cordeiro	14:45	Autodesk	
15:10	Distributed and heterogeneous data analysis...	E. Oliveira, M. Kirley	15:10	Bentley	
15:35	Tangible mixed reality on-site	G. Schubert	15:35	Trimble	
16:00	Coffee-break		16:00	Coffee-break	
	KEYNOTES				
17:00	CAAD history in Brazil	Arivaldo Amorim			
18:00	War science architecture	João Rocha			
19:15	Reception				
DAY 2 - JULY 9th					
	Present. of Independent Workshops results	Pedro Veloso		Shape studies	Maria Angela Dias
09:00	Arduino		09:00	Design patterns...	J. Gero
09:50	SUBDV		09:25	Shape grammars for architectural design	P. Pauwels
10:15	Break		09:50	From idea to shape, from algorithm to design	I. Caetano
	Modeling, analyzing and simulating the city	Gerhard Schubert	10:15	Pattern, cognition and spatial information...	B. de Vries
10:30	Woka	M. S. van Stralen	10:40	Re-inventing ceramic tiles	S. Garcia, S. Eloy
10:55	Urban prototyping	D. McMeel			
11:20	Development of high-definition virtual reality ...	T. Fukuda	11:45	Lunch	
11:45	Lunch			Shape studies	António Leitão
	Automated and parametric design	Justyna Karakiewicz	13:15	The geometry of Chuck Hoberman...	M. Anaf
13:15	Design agency	E. Pantazis	13:40	Material computability of indeterminate...	A. Aydin
13:40	ModRule	S. L. T. Tian	14:05	A design tool for generic multipurpose...	S. Garcia, L. Romão
14:05	Structural design based on performance...	M. Borges	14:30	Break - Projection of 7' video about MASP	
14:30	Break - Projection of 7' video about MASP			Building information modelling (BIM)	Regina Ruschel
	Automated and parametric design	Alice Cybis Pereira	14:45	The definition of semantic of spaces...	M. Brodeschi
14:45	Parametric modeling of bamboo pole joints	O. E. Trujillo	15:10	Point Clouds to BIM	C. Tonn
15:10	Assisted construction ...	J. Meyer, O. Gamez	15:35	4D construction simulation model of MASP	J. Kang
15:35	The future of the architect's employment	G. Celani, M. Sedrez	16:00	Coffee-break	
16:00	Coffee-break				
	KEYNOTES				
17:00	Embodied computation	Axel Kilian			
18:00	Researching the sensate city	Jane Burry			
19:15	Guided visit to MASP				
DAY 3 - JULY 10th					
	Fabrication and materiality	Taro Narahara		Automated and parametric design	Tomohiro Fukuda
09:00	Migratory movements of Homo Faber	D. M. Sperling	09:00	Analysis of space layout...	G. Demir
09:23	A new machinecraft	I. C. Nan	09:25	Parametria applied to urbanism	M. C. Mazivieiro
09:45	Alternative fabrication process for free-form...	Y. J. Grobman	09:50	Parametric studies and metamorphosis..	C. Barrios
10:10	Digital stereotomy	S. Fernando	10:15	Making Sense of those Batteries and Wires	S. M. Abdelmohsen
10:30	Break		10:40	Development of parklets...	U. Bruscato, F. Kipper
	Fabrication and materiality	Jules Moloney			
10:35	Formal descriptions of material manipulations	B. Gürsoy			
11:00	Super-details	F. Leblanc			
11:25	Architecture meets gaming and robotics	T. Narahara			
11:45	Lunch		11:45	Lunch	
	Fabrication and materiality	Mark Burry		Building information modelling (BIM)	José L. Menegotto
13:15	Transient materialization	S. Wang	13:15	A BIM-compatible schema...	M. Klayton
13:40	Digital fabrication in Brazil	E. L. Miyasaka	13:40	A framework for speech-oriented...	J. L. Menegotto
14:05	Tactile models of elements...	L. F. D. Vecchia	14:05	Facilitating fire and smoke simulation using BIM	C. Wu, M. J. Clayton
14:30	Analysis and validation of the digital chain...	J. Meyer	14:30	A semantic web approach...	S. Cursi
	CLOSING SESSION				
15:00	Design science journal	J. Gero			
15:20	CAAD conferences presentations, Prizes				
16:00	Coffee-break		16:00	Coffee-break	
	KEYNOTES				
17:00	Artificial intelligence in architectural praxis	Milos Dimcic			
18:00	Next city, next stop: Doha	Caroline Bos			
19:15	Cultural performance				