

Session : What's the Matter 1 | Thursday 4.9.2014 | UPC ETSAB Av. Diagonal 649 | 14:00 - 16:00

12:00 - 14:00	<b>4.09.2014</b>				Registration	Entrance Hall	UPC Universitat Politècnica de Catalunya, Escola Tècnica Superior d'Arquitectura de Barcelona, Av. Diagonal 649, Barcelona					
14:00 - 14:30					Welcome Addresses	Main Auditorium						
Session 1A   Chair: A. Telliós   Room S1   14:30 - 16:00		Session 1B   Chair: M. Hall   Room S2   14:30 - 16:00		Session 1C   Chair: J. Miller   Room S3   14:30 - 16:00		Session 1D   Chair: T. Sack-Nielsen   Room S4   14:30 - 16:00						
14:30-14:45	K. Dörfler, S.F. Ernst, V. Helm, F. Gramazio, M. Kohler, L. Piskorec, J. Remote Material Deposition	Daniel Cardoso Llach	Aedificatoria Binaria: Towards a Material History of Computational Design	Charlie Gullström	Furnishing the Fun Palace – with new digital design materials	M. Aghaei Meibodi, O. Tessmann	Hy[perbolic] par[aboloïd]					
14:45-15:00	Ezio Blasetti	Encoded Matter: Non-Linear Computational Craft	Lisa Huang	Bridging the Disconnect: The Significance of Tacit Knowledge of Matter	Pablo Miranda Carranza	Software Utterances	Lee-Su Huang	A Negotiated Materiality: Alographic Practices with Autographic Effects				
15:00-15:15	Dave Lee	Latent Form: Emergent Behaviour	Charalampos Politakis	The Human Body Matter: Notes on the Persistence of Anthropomorphism in Architecture	Anders Kruse Aagaard	Stretching the drawing – investigations through the making of metal mesh components and structures.	M. Matheou, M. Phocas, E. Christoforou	Integral Design of a Kinetic Hybrid Structure				
15:15-15:30	A. Dubor, A. Markopoulou	Digital Matter Intelligent Construction systems for responsive buildings	J. Harrison, C. Dalton	Calm Technology, Quiet Architecture: the making of personal places	Ignacio Borrego	Informed Matter: Deformation, Conformation and Codification, the three procedures of storing information in matter	Djordje Stojanovic	Reintroducing Materiality into Architectural Education Curricula				
15:30-15:45	Jose Pedro Sousa	Cork as a Digital Material	Matthew Parker	SIFT Materiality: Indeterminacy and Communication between the Physical and the Virtual	Sandra Costa	Material and the question of meaning: is material mute?	Nikos Kalogirou	The limits of design: education and materialization				
15:45-16:00	Debate		Debate		Debate		Debate					
16:00 - 16:30	Coffee Break											

Session : What's the Matter 2 | Thursday 4.9.2014 | UPC ETSAB Av. Diagonal 649 | 16:30 - 18:30

Session 2A   Chair: S. Vyzoviti   Room S1   16:30 - 18:30		Session 2B   Chair: Dave Lee   Room S2   16:30 - 18:30		Session 2C   Chair: J.-P. Sousa   Room S3   16:30 - 18:30		Session 2D   Chair: M. Parker   Room S4   16:30 - 18:30		Session 2E   Chair: A.-C. Schultz   Room S5   16:30 - 18:30				
16:30-16:45	Stavros Vergopoulos	Learning from Matter: Generative Design Processes and Material Systems	August Karan	A Matter of Ether: Accounting for injustice with Kantian judgments	Justin Miller	Crafting Material Effects	Veronika Kotradyova	Authenticity versus Artificiality in the Material Based and Human Centred Design	Saadet Zeynep Bacinoglu	From material to material with new abilities Parametric dress: an unfinished product derived through the organizational logic developed from a research on 'movement'		
16:45-17:00	Matthew Hall	Fragile Materiality: Our Artifacts	Betti Marengo	Digital materiality, morphogenesis and the intelligence of the technodigital object	Manolis Paterakis	Entity-oriented vs process-oriented modelling in Architectural Thinking: the rise of the functional paradigm	Al-Attili	Informed Tectonics: The duality of im/materiality in morphologic parametric design	Vassilis Papalexopoulos	Fabricating the Virtual		
17:00-17:15	Torsten Sack-Nielsen	Responsive Foldings. Shape. Kinetics. Materials	Wendy W. Fok	Whose Digital Property: A matter of discussion in Open-Source within Computational design in Architecture	K. Velkov, G. Thün, C. Ripley	Matters of Air	Ioanna Symeonidou	Digital fabrication of 1:1 experimental constructions within an educational context	Karolina Tulowska	Minima[terial]ism. The limitation as an idea, architectural method and as a way to reach the truth.		
17:15-17:30	Dimitris Gourdoukis	Fabrication Protocols / Digital Crafting	Despoina Zavraka	Neomedievalism: Cultural delegations and emerging matters of death	Spyros Papadimitriou	What's the Matter with Design Models? From material investigations to 'Design Models'	O. Kontovourkis, M. Phocas, E. Christoforou, P. Konatzi	Informed Design Strategy for the Development of a Reconfigurable Modular Structure	Hara Gavra	Evocative Structures: reflecting on design-as-machine reconfigurations		
17:30-17:45	David Abondano	Matter, Nature and Information: Its New Architectural Conceptualization through Computational Design	M. Claypool, M. Jimenez Garcia	Towards the Irreducibility of Architectural Methodologies	A. N. Slig, A. Dancu	Computational substrates enabling symmetric growth in the built environment through use of induced representation rather than simulation	Katherine Saraptzian	Mimicking self-organization in natural materials' structural arrangement for non-standard architectural innovation	Stavros Kousoulas	Becoming Form: Athenian Urban Ecologies		
17:45-18:00	Ayodh Kamath	Negotiating Converging Cultures of Designing and Making: Averting a Fourth Marginalization of the Hand	G. Wallis de Vries, K. Wuytack	What's the Matter-of-Concern? A parliament of things lost and captured in Paris and Rome	Panagiotis Patakas	Rise of the Anisotropic	Jan Slyk	The Matter of architectural Experience in the Information Age.	Asim Hameed	Virtual materiality & Socio-Spatial Change		
18:00-18:15	A. Kruse Aagaard, M. Lahmy	Agile Drawing Expanding the Territory of Architectural Drawing through Digital Fabrication	Anastasio Telliós	Matter reawakened	Ayed Rahmani	Twists and Turns in Recent Parametric Productions	Domenico D'Uva	The dark side of the shape. A method for the generation of alternative architectural organism under the constraint of morphogenesis.	Kostas Grigoriadis	Mixed Matter: The Problem of Designing with Multi-materials		
18:15-18:30	Debate		Debate		Debate		Debate		Debate			
18:30 - 19:00	Coffee Break											

Session : What's the Matter 3 | Thursday 4.9.2014 | UPC ETSAB Av. Diagonal 649 | 19:00 - 20:30

Session 3A   Chair: G. Wallis de Vries   Room S1   19:00 - 20:30		Session 3B   Chair: S. Vergopoulos   Room S2   19:00 - 20:30		Session 3C   Chair: J. Harrison   Room S3   19:00 - 20:30		Session 3D   Chair: K. Tulowska   Room S4   19:00 - 20:30		Session 3E   Chair: R. Sastre   Room S4   19:00 - 20:30				
19:00-19:15	N. Gaudillière, J. Dirrenberger, O. Baverel, C. Sollogoub	Use of additive manufacturing for the development of an assembling system for gridshells	P. Mantzou, A.Koutamanis	MAT: Material, Material, Matrix, Maternity, Matter	Giovanna Franco	Material, immaterial, perception and suggestion. Learning from XX century masterpieces	Merope Karantaki	The Matter of Control in the design Process towards a hybrid approach	Andjela Karabasevic	The Matter of Void: From Absolute Space to Dynamic Flows		
19:15-19:30	Manuel Kretzer	Materiality	Anne-Catrin Schultz	The Truth of Architectural Matter- Textiles, Nature and Real Thing	P. Stobiecki, E. Trocka-Leszczynska	Materialization Consumer Needs in Contemporary Urban (selected aspects)	Meral Cana Dai	Processing Materiality through Architectural Information	Carol Moukheiber	Objects as Hypotheses, or on Object Experience (OX)		
19:30-19:45	S. Vyzoviti, J. Sotiriou	Descriptive and Generative Models of Crumpled Sheets	Calvo Salve Miguel Angel	What matters is light. Light as matter. The experience of the course: The art & craft of building. Building with light	A. Sotriopoulou, J. Tzouvardakis, E. Triantis, G. Poulakos, S. Dimou	Innovative Building Materials at the Age of Computation; Reconsidering their Environmental Impact	Antonella Violano	Material and material: the added value of technological design	N. Reindel, G. Stroh	Layering Data Space with Material Place		
19:45-20:00	Kadri Tamre	Towards (En)Coding_Materiality	Aristoteles Dimitrakopoulos	"In the beginning was Matter" A Sympathy for Absent Matter, or Physical and A-physical Matters: From amputation to computation.	N. Juzwa, J. Świerżawski	Concept of a Smooth Box versus Surface Curvature in Architecture	Egemen Berker Kizilcan	Non-standard Materialities Tailored for Soft and Hard Construction	Alberto Sdegno	What about 3D?		
20:00-20:15	J. Portell, M. Lloveras, M. Malé-Alemay	Single-thread 3D Printing applications: A critical and practical shift towards sustainability in additive construction	Stefano Francesco Musso	It's (also) a matter of conservation. Immaterial values and physical architecture.	Enrique Azpilicueta	Reinventing the Traditional Materials used in Construction	C. Kemmt, R. Sodhi	Materialising Energy	Fosca Tortorelli	Vegetation as Architectural Material		
20:15-20:30	Debate		Debate		Debate		Debate		Debate			

Session : What's the Matter 4 | Friday 5.9.2014 | COAC Plaça Nova, 5 | 09:30 - 12:30

08:30 - 09:00	Registration	COAC Main Auditorium Entrance Hall
09:00 - 09:30	Maria Voyatzaki	What's the Matter
Chair: Alberto Estevez   Main Auditorium   09:30 - 12:30		
09:30 - 10:10	Justin Dirrenberger	Development of 'architected' materials through computational design
10:10 - 10:50	Carmen Andriani	Designing matter
10:50 - 11:30	Bob Sheil	Fabricating the supernatural - the architecture of neither here nor there
11:30 - 12:00	Coffee Break	
12:00 - 13:00	Debate	
13:00 - 14:30	Lunch Break	

5.09.2014

Session : What's the Matter 5 | Friday 5.9.2014 | COAC Plaça Nova, 5 | 14:00 - 18:00

Chair: Henriette Bier   Main Auditorium   14:00 - 18:00		
14:30 - 15:15	Philippe Morel	Matter and Money
15:15 - 16:00	Alisa Andrasek	Open Synthesis: Increased resolution fabric of architecture
16:00 - 16:45	Mario Carpo	Big Data is for Adding, not for Subtracting. On Additive and Subtractive Fabrication Technologies
16:45 - 17:15	Coffee Break	
17:15 - 18:15	Debate	
20:30 - 22:30	Dinner	

Session : What's the Matter 6 | Saturday 6.9.2014 | COAC Plaça Nova, 5 | 09:00 - 13:15

Chair: Marta Male-Alemay   Main Auditorium   09:30 - 12:30		
09:00 - 09:45	Marcos Cruz	Paramateriality
9:45 - 10:45	Mark Burry	Tangible versus intangible materiality: interpreting Gaudí and the
10:45 - 11:15	Coffee Break	
12:15 - 13:15	Debate	
13:15 - 14:15	Lunch Break	

6.09.2014

Session : What's the Matter 7 | Saturday 6.9.2014 | COAC Plaça Nova, 5 | 14:15 - 18:45

Chair: Maria Voyatzaki   Main Auditorium   09:30 - 12:30		
14:15 - 15:15	Kas Oosterhuis	Continuous Variation
15:15 - 16:15	Lars Spuybroek	Beauty and Sympathy
16:15 - 17:15	Manuel DeLanda	Material Affectivity
17:15 - 17:45	Coffee Break	
17:45 - 18:45	Debate	

DeLanda's Comeback as Filmmaker

The Conference will host the first preview-show of the three, out of the new series Continuous Variations, films-digital videos of 40 min duration with extraordinary effects by Manuel DeLanda, who will also make the introduction. The series will be shown at the NYC Anthology Film Archives at the end of 2014.

ENHSA-EAAE INTERNATIONAL CONFERENCE



- SPEAKERS
- |                |                |                |                     |
|----------------|----------------|----------------|---------------------|
| Manuel DELANDA | Mark BURRY     | Mario CARPO    | Bob SHEIL           |
| Lars SPUYBROEK | Alisa ANDRASEK | Luciana PARISI | Justin DIRRENBERGER |
| Kas OSTERHUIS  | Marcos CRUZ    | Philippe MOREL | Carmen ANDRIANI     |

SEPTEMBER 4, 2014  
Registration-Conference opening-Paper Presentations at ETSAB, UPC | Av. Diagonal 649 | Barcelona  
SEPTEMBER 5-6, 2014  
Keynote Lectures and Debates at COAC | Plaça Nova 5 | Barcelona



[www.enhsa.net/WhatsTheMatter/](http://www.enhsa.net/WhatsTheMatter/)

Preliminary Programme