Innovations for Building and Construction

Towards a better, stronger and sustainable future using advanced ICT

12th EuropIA International Conference **18-20 March 2009** **EuropIA12 Conference Programme** **(Tentative)**	**Conference Venue:** Lecture Room B106 Building B Université Paris 8 rue de la Liberte 2 93526 Saint-Denis Cedex Paris, France	

Time	Paper Title	Author(s)
Wednesday 18 March 2009		
13.00 –	**Registration**	
14.00 – 14.20	**Opening**	Imad Saleh and Edwin Dado
14.20 – 14.50	**Keynote Paper**	Hennes de Ridder
14.50 – 15.10	**Coffee Break**	
15.10 – 16.30	**Session 1**	
	Sensory social networks to motivate sustainable behaviour	Jos van Leeuwen, Ian Oakley, Nuno Nunes, Valentina Nisi and Vassilis Kostakos
	Designing and Manufacturing in Digital Design: the case of Jakob+MacFarlane	Anne-Sophie Delaveau, Caroline Lecourtois and François Guena
	Towards business process improvement: a construction case study	Bhargav Dave, Lauri Koskela, Mike Kagioglou, Robert Owen and Joseph Tah
	The Impact of Future Climate Scenarios on Decision Making in Building Performance Simulation: a Case Study	Christina Hopfe, Fried Augenbroe, Jan Hensen, Aad Wijsman and Wim Plokker
16.30 – 16.50	**Coffee Break**	
16.50 – 17.50	**Session 2**	
	COLAB and Collaborative design of sustainable buildings	Hans Hubers
	An immersive, multisensory and interactive approach for landscape study in virtual environments: the wind turbines' case	Jihen Jallouli and Guillaume Moreau
	A sustainable collaborative approach to promote publications related to advanced design sciences and technology in the domains of Architecture, Construction and Urban Planning	Rachel Kamga and Khaldoun Zreik
Thursday 19 March 2009		
10.00 – 12.00	**Session 3**	
	A control framework for a biomimetic structure	Ian Smith
	Incorporation of mitigations on the run in probabilistic network planning	Lex van Gunsteren and Peter de Graaf
	A decision-based design approach for collaborative construction	Ruud Binnekamp, Jeroen Burger and Peter-Paul van Loon
	The communication of heritage spaces within a sustainable context using ICT	Nada El-Khoury and Giovanni De Paoli
	Bayesian Networks for commissioning and decision making-aid in low energy building design	Nazila Hannachi-Belkadi and François Guéna
	The mapping of conceptual structure by star topologies: a case study on "community	Lanting Clare Tseng
12.00 – 13.30	**Lunch**	
13.30 – 14.50	**Session 4**	
	Model-based CE-performance assessment in BC industry	Nesen Surmeli, Jan-Willem van de Kuilen, Wolfgang Gard and Reza Beheshti
	The Value of a Public Private Partnerships?	Raymond Turner, Hennes de Ridder and John Ratcliffe
	The usage of evacuated solar tubes for heating purpose in residential buildings: Green Energy Benny Farm Montreal as a Sample	Meltem Yilmaz
	Web-based Feedback System for Construction – Features, Demands, and Content	Sami Kärnä, Juha-Matti Junnonen and Mitri Häkkinen
14.50 – 15.10	**Coffee Break**	
15.10 – 16.10	**Session 5**	
	An innovative knowledge structure for supporting collaboration in building design	Gianfranco Carrara, Antonio Fioravanti and Umberto Nanni
	The Living Building Concept as design tool for safe buildings?	Shahid Suddle, Joop Stoop, Hennes de Ridder and Tufail Ghauharali
	Framework for Supporting Sustainable Design	Tajin Biswas
16.10 – 16.30	**Coffee Break**	
16.30 – 17.30	**Session 6**	
	The ubiquitous design environment for structural engineers	Martinus van de Ruitenbeek and Reza Beheshti
	Configuring Smart House Components: Applying Ambient Intelligence to Modular House	Yi-Pin HUANG and Sheng-Fen CHIEN
	3D Activity Representation and Analysis, as a Basic Unit to Construct Development Process Models, Considering Complex Characteristics	Javier Pereda, Molina Arturo and Godfried Augenbroe
Friday20 March 2009		
10.00 – 11.20	**Session 7**	
	Towards a Holistic Model for Effective Knowledge Management for the Building and Construction Departments within the Dutch Defence Organisation	Edwin Dado and Tim Grant
	IT domain ontology map as an access to scientific corpus for advanced learners	Gérald Kembellec, Imad Saleh and Catherine Sauvaget
	Construction project requirements and needs elicitation by prioritising wishes	Saban Özsariyildiz and Reza Beheshti
	StructuralComponents: parametric associative structural design tools for high-rise	Janwillem Breider and Jeroen Coenders
11.20 – 12.00	**Closing Session**	Khaldoun Zreik, Imad Saleh and Edwin Dado