ENVIRONMENTS
SURVEY, DESIGN AND PERFORMANCE
LISBON SCHOOL OF ARCHITECTURE, 27 NOV 2018, ROOM CARGALEIRO

10:00 Welcoming Session

10:05 Fostering the implementation of the sustainable campus concept – assessment of the feasibility of BIM as a methodological approach
Ana Rita Amaral – University of Coimbra

10:15 Linked data for the built environment
Rui de Klerk – Lisbon School of Architecture

10:25 Natural lighting conditions: case study of a historic library
Nuno Saravá – University of Coimbra

10:35 Reinvention of the breeze block cobogó: a biologically inspired generative system adaptable to different climates
Tarciana Andrade – Lisbon School of Architecture

10:45 Coffee Break

11:00 RemEEnEQ – Comprehensive BIM add-on tool for the improvement of energy efficiency and indoor environment quality in renovation of buildings
Adélio R Gaspar & Eugénio Rodrigues – ADAI, University of Coimbra

11:20 Tipologia Edificiaca – Inventário Morfológico da Cidade Portuguesa
Carlos Dias Coelho & Sérgio Fernandes – Lisbon School of Architecture

11:40 UrbanWinds – Urban metabolism accounts for building waste management innovative networks and strategies
Rita Garcia & Joana Bastos – University of Coimbra

12:00 3D-SMOCH – 3D Smart Models for Heritage Conservation
Jorge Fernández – Lisbon School of Architecture

12:20 TÆNERTEC – Tools for supporting the selection of energy efficient technologies
Álvaro Gomes – INESC Coimbra, University of Coimbra

12:40 Lunch

14:00 As-Built BIM com Nuvem de Pontos - Análise e Experimentação de Técnicas de Modelação para uma Metodologia de Reconstituição Arquitetônica 3D
Guilavo Rocha – Lisbon School of Architecture

14:10 Life-cycle assessment of prefabricated buildings
Vanessa Tavares – University of Coimbra

14:20 A técnica TDR - Time Domain Reflectometry - na medição do teor de humidade em materiais de construção
Teresa de Freitas – University of Porto

14:30 Cork reWall: Computational Methods of Automatic Generation and Digital Fabrication of Partition Walls for Building Renovation
Filipe Brandão – ISCTE-IUL

14:40 NoVoid – Ruins and vacant lands in the Portuguese cities: exploring hidden life in urban derelicts and alternative planning proposals for the perforated city
Cristina Cavaco – Lisbon School of Architecture

15:00 SoftPlan – From soft planning to territorial design
Cristina Cavaco – Lisbon School of Architecture

15:20 PCMBuildings – Systems with PCM-filled rectangular cavities for the storage of solar thermal energy for buildings
José J Costa & Nelson Soares – ADAI, University of Coimbra

15:40 MeTOD – Desenvolvimento Orientado ao Transporte Público: Metodologias de avaliação de classificação de territórios metropolitânicos
David Vale – Lisbon School of Architecture

16:00 Coffee Break

16:20 RETROSIM – Desenvolvimento de uma ferramenta on-line multijetiveiro para otimização da eficiência energética em processos de requalificação de edifícios
Ehsan Asadi – ADAI, University of Coimbra

16:40 ergoUX – Creating value in organizations and make people’s daily life more fun, healthy and safe
Francisco Rebelo – Lisbon School of Architecture

17:00 The Hello Project – Heritage energy Living Lab onsite
Luísa Dias Pereira – University of Ferrara

17:20 VFALAB – Vitruvius FabLab
Alexandra Paio – ISCTE-IUL

17:40 CIM – Convex and Solid Voids
José Nuno Benito – Lisbon School of Architecture

Concluding Session

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