

International Workshop on BIM and Interoperability supporting Collaborative Workspaces at AEC-FM

In conjunction with I-ESA 2007

March 27th of 2007 (13h00 – 17h30)

Hotel Casino Park – Room Tóquio
Funchal (Madeira Island), Portugal

Programme

13h00 – 13h30: Opening

Opening Note “Challenging the AEC-FM Industry: Interoperability, BIM and Collaborative Working Workspaces “

António Grilo , FCT-UNL, Portugal

Keynote “Productivity, Innovation, Sustainability, Energy-efficiency, Energy-aware Buildings”
Jorge Pereira, Principal Scientific Officer, European Commission, Belgium

13h30 – 14h50: The Interoperability Driver

A-1. “Building data software application in a collaborative environment”
Sandra Garrido, Sergio Muñoz, R&D Department, AIDICO, Spain

A-2. “Issues in Interoperability for AEC-FM”
Robin Drogemuller, Queensland University of Technology, Australia

A-3. “Interoperability between 3D Parametric Model and Energy Performance Simulation”
Pongsak Chaisuparamikul, College of Architecture - Illinois Institute of Technology, USA

A-4. “CAD standardisation in the construction industry – a process view”
Bo-Christer Björk, Finland

14h50 – 15h15: Coffee-Break

15h15 – 17h15: The Collaborative Workspaces Driver

B-1. “An overlook on Collaborative Working and CWE on AEC-FM: state-of-practice, experiments, projects, industrial use “
Pedro Maló, FCT-UNL / UNINOVA, Portugal

B-2. Co-location, Co-location, Co-location!
Christopher Groome, The Business Round Table, United Kingdom

B-3. Design Patterns for Building Information Model Based Collaborative Environments
U. Isikdag & J. Underwood, University of Salford, UK

B-4. A Study on utilizing the iRoom environment in Building Information Model presentation
Timo Saari, Department of Civil Engineering, Institute of Construction Management and Economics, Tampere University of Technology, Finland

B-5. Challenges and Needs on creating Collaborative Workspaces for AEC-FM Industry
Jens Ove Skjærbaek, COWI, Denmark

B-6. Building Energy Performance Simulation - Where We Are Now and Where We Are Going
Vladimir Bazjanac, Lawrence Berkeley National Laboratory, USA

17h15 – 17h30: Wrap-up