

# ARTECH 2010

## Conference Program

### Thursday, April 22, 2010

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- 08:30 - 09:00 Reception and Registration  
09:00 - 09:30 Welcome Session  
09:30 - 10:30 *Keynote/Plenary Speech Session*  
auditório 1 Chairman Paulo Cruz  
*Digital explorations; Material Implications*  
José Pedro Sousa
- 10:30 - 11:00 Coffee Break
- 11:00 - 13:00 **New Experiences with Digital Media - Plenary Session (eng)**  
auditório 1 Chairman Adérito Marcos  
\* *Materializing Virtual Sites*  
Linda Matthews and Gavin Perin  
\* *Dynamic Mapping Strategies for Interactive Art Installations:  
An Embodied Combined HCI HRI HHI Approach - VC*  
P. Coussement, M. Leman and M. Demey  
\* *Engaging Interactivity in Public Space*  
Jiun Jhy Her and Jim Hamlyn - VC  
\* *RTIVISS Real-Time Video Interactive Systems for Sustainability*  
Mónica Mendes
- 13:00 - 14:30 Lunch
- 14:30 - 15:30 *Keynote/Plenary Speech Session*  
auditório 1 Chairman Leonel Valbom  
*Transitional Fields: Work in Progress on Responsive Architectures - VC*  
Phillip Beesley
- 15:30 - 16:00 Coffee Break
- 16:00 - 18:00 **Audio-Visual and Multimedia Design - Parallel Session**  
auditório 1 Chairman Pedro Branco  
# *Saluting the Sun: Application of 3D Modelling to Representing the Human Figure*  
Randhir Rawatlal  
# *Mirror Anamorphosis of 3D Object – an Apparatus for Visual Data Transmission - VC*  
Marijana Kalabic  
# *From Things To Burn: Inversed Metaphor To Painting After Technology:  
A Digital Interactive Audiovisual Installation And a Analogical Data Visualization Painting*  
Rudolfo Quintas  
# *ArtDoc3D – Digital Representation of Installation Artworks*  
Ricardo Nogueús and Nuno Correia  
\* *Materialização e Virtualização nas Mídias - VC*  
Milton Sogabe  
\* *La Coreografía Digital Interactiva - VC*  
Ludmila Pimentel

- 16:00 - 18:00 **New Experiences and Interactive Systems - Parallel Session**  
auditório 2 Chairman Alberto Ariza  
\* *Creative Visualization and Exploration of Video Spaces*  
Teresa Chambel, Telmo Rocha and João Martinho  
\* *Visualizing the Portuguese Empire Expansion and Decline*  
Pedro Cruz and Penousal Machado  
\* *[NET]AR[G]Ts: Experiências Transmedia e Narrativas Cruzadas*  
Patricia Gouveia  
\* *Estudo para a Instalação de Unidade de Prototipagem Rápida*  
Pedro Santos, Luís Caló, Lia Moreira, António Carvalho, and Gonçalo Furtado
- 18:00 - 18:30 **Artech Association - General Meeting**  
18:30 End of 1<sup>st</sup> Day  
20:30 Formal Dinner - Pousada Santa Marinha  
**Performance: The last words of Domenico**  
Vitor Silva

### Friday, April 23, 2010

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- 09:30 - 11:00 **Electronic Music and New Media Art - Parallel Session (eng)**  
auditório 1 Chairman Leonel Valbom  
# *Conservation and Documentation of New Media Art.  
Italian Theory and International Strategies*  
Laura Barreca  
# *Sonata for Unprepared Player*  
Tiago Videira  
# *Visible and Audible Spectrums - A Proposal of Correspondence*  
André Rangel Macedo (Nicolas Makelberge)  
\* *The Embodiment of Music/Sound Within a Multimedia Performance Space*  
Caroline Wilkins and Oded Ben-Tal  
\* *Discerning the Cyborg Utterance; Alpha a Work for Electronic - VC*  
Joanne Thomas
- 09:30 - 11:00 **New Experiences - Parallel Session (pt/sp)**  
auditório 2 Chairman Valentina Nisi  
# *Criando no Escuro Tátil das Moléculas*  
Anna Barros  
# *Laboratório Invisível: Onde Arte e Ciência se Encontram*  
Rosana Horio Monteiro  
\* *Visualización de Información: Diseño Gráfico y Lenguaje Digital*  
Alberto Ariza and Lola Aneiros  
\* *O Papel Intuitivo do Desenho na Aprendizagem das Relações entre o Som e a Imagem*  
José Silva
- 11:00 - 11:30 Coffee Break
- 11:30 - 13:00 **Digital Media - Parallel Session**  
auditório 1 Chairman Nuno Correia  
\* *Locative Narratives as Experience: a new perspective on Location  
Aware Multimedia Stories*  
Valentina Nisi, Ian Oakley and Martine Boer  
\* *Das Geometrias aos Sistemas como Obra de Arte - VC*  
Andreia Oliveira and Hermes Renato Hildebrand  
\* *Revendo a Poética da Mobilidade e Espaços Híbridos Pervasivos*  
Rosangella Leote

# - Short Paper  
\* - Full Paper

**Friday, (cont.)  
April 23, 2010**

- 11:30 - 13:00 **Art and Science Theory - Parallel Session**  
auditório 2 Chairman Patrícia Gouveia  
*\* Methods in Digital Architectural Design - Understanding the Aspects that Enable a Re-active, Two-way Communication in the Digital Architectural Design Education*  
Andrei Gheorghe  
*\* THE APPROACH - Arte e Neurociência a Memória como Reconstrução*  
Maria Manuela Lopes  
*\* Arte e Design Digitais: o Uso da Retórica procedimental como fundamento da discursividade*  
Monica Tavares (Marly de Meneses)
- 13:00 - 14:30 Lunch
- 14:30 - 15:00 **Keynote/Plenary Speech Session**  
auditório 1 Chairman Adérito Marcos  
Shahram Izadi (Microsoft)  
*Hands-on Computing: Interacting with Computers in New Ways*
- 15:30 - 16:15 **Art and Science - Parallel Session (pt)**  
auditório 1 Chairman Teresa Chambel  
*# Math4Kids – Aprender Conceitos de Matemática Brincando*  
David Jardim, Pedro Lopes and Isabel Alexandre  
*\* Espelhos Matriciais & Alter-eGo, Duas Perspectivas Diferentes Complementares ou Contraditórias da Identidade*  
Renato Roque, Francisco Calheiros and Rocio Garcia-Robles
- 15:30 - 16:15 **Art and Science - Parallel Session (pt)**  
auditório 2 Chairman Paulo Mendonça  
*# Inside*  
Sérgio Eliseu  
*# Obsessão Imersiva*  
Sérgio Eliseu  
*# Arte, Ciência e Tecnologia: uma Relação Desafiante para a Arte Contemporânea*  
Inês Albuquerque and Rosa Oliveira
- 16:15 - 16:45 Coffee Break
- 16:45 - 17:45 **New Experiences - Plenary Session (eng)**  
auditório 1 Chairman Leonel Valbom  
*# Poetics of Fiction: The Physiognomy of the Abyss*  
João Ó  
*# Epigenetics as Aesthetic Instrument in a Generative Virtual Ecosystem*  
Rui Antunes and Frederic Leymarie  
*# Playing with Cells, artistic installation*  
Teresa Almeida and Inês Albuquerque  
*# Bachelor Degree's Organization in Design and Product Development*  
Mário Barros
- 17:45 Closing Session
- 18:00 End of Conference

conference program  
5<sup>TH</sup> INTERNATIONAL  
CONFERENCE

# ARTECH 2010

*envisioning digital spaces*

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22 & 23 APRIL

ESCOLA DE ARQUITECTURA  
UNIVERSIDADE DO MINHO

GUIMARÃES

