



bioma

REDE DE COMPETÊNCIAS EM BIÓNICA
SOBRE AS CIÊNCIAS DO MAR

www.bioma-net.com

Official languages of the Symposium with simultaneous translation:

- Portuguese
- Spanish
- English

Free participation with required registration to:
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Promotor/Coordinator:



Technological Centre
for the Textile
and Clothing
Industries of Portugal

Partners:



Support:



UNÃO EUROPEIA
Fundo Europeu
de Desenvolvimento Regional



bioma

BIONICS COMPETENCE NETWORK
FOR SEA SCIENCES

invitation

1st INTERNATIONAL SYMPOSIUM ON BIONICS

*Think the Future,
Think Bionics*

» **3/4 November 2008**
Rectory Auditorium
at University of Aveiro
Portugal

Organization BIOMA Network

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3 November 2008

- 09:00** Registration
- 09:30** Opening Session
- » **Maria Helena Nazaré**
Rector of University of Aveiro
 - » **Fernando Merino**
Manager of BIOMA Network
- 09:50** » **Catarina Medeiros**
Permanent Forum for Sea Affairs
- 10:15** Coffe Break
- Panel 1**
- Moderator: **Carlos Pereira** - INDUSE
- 10:45** **Two Speed Design**
- » **Carlo Dameno**
Design Innovation SRL - Italy
- 11:25** **Bionic processes applied to design, architecture and urban spaces**
- » **Mauro Costa Couceiro**
Universitat Internacional de Catalunya - Spain
- 11:45** **The Bioethics/Biotechnologies of Metadesign**
- » **José Manuel Bártolo**
ESAD/High School of Arts and Design - Portugal
- 12:05** Debate & Conclusions
- Lunch
- Panel 2**
- Moderator: **João Carlos Marques** - IMAR
- 14:00** **Bionic Tower: learning from Nature as a tool for inovation in high rise structures**
- » **José Enrique Dominguez**
Cervera & Pioz Architects Ltd. - Spain
- 14:40** **Photovoltaic Mimics Photosynthesis?**
- » **Roberto Gamboa**
School of Maritime Technology / IPL - Portugal
- 15:00** Coffee Break
- 15:30** **Biomimetic Strategies in Tissue Engineering and Bionics. A missing link?**
- » **Nuno Neves**
3B's Research Group / University of Minho - Portugal
- 16:10** Debate & Conclusions

4 November 2008

- 09:00** Registration
- Panel 3**
- Moderator: **Paulo Maranhão** - IPL
- 09:30** **Bionic and Textiles - a great chance and challenge**
- » **Thomas Stegmaier**
ITV Denkendorf - Germany
- 10:10** **User of Bionic Products**
- » **Simão Morgado**
Olympic Swimmer - Portugal
- 10:30** Coffe Break
- 11:00** **Bioinspiration in the design of sensing, navigation and control systems for UUVs**
- » **Robert Allen**
University of Southampton - England
- 11:40** **Bubble net**
- » **Tiago Almeida**
School of Maritime Technology / IPL - Portugal
- 12:00** Debate & Conclusions
- Lunch
- 14:00** R&D projects of BIOMA (video projection)
- 14:30** Round Table
- Moderator: **Gonçalo Lobo Xavier**
Executive Manager RECET
- » **Pedro Martins de Lima**
Public Relations of Lightning Bolt
 - » **Mauro Costa Couceiro**
Universitat Internacional de Catalunya
 - » **João Carlos Marques**
Vice-President of IMAR
 - » **João Banha**
President of National Federation of Business Angels
 - » **Braz Costa**
Administration Board of IAPMEI
 - » **Fernando Rocha**
Vice-Rector of University of Aveiro
- 15:30** Closing Session
- » **Helder Rosendo**
General-Director of CITEVE
 - » **Alfredo Rodrigues Marques**
President of CCDR-C
 - » **Carlos Zorrinho**
Coordinator of Technological Plan * Portugal Innovates