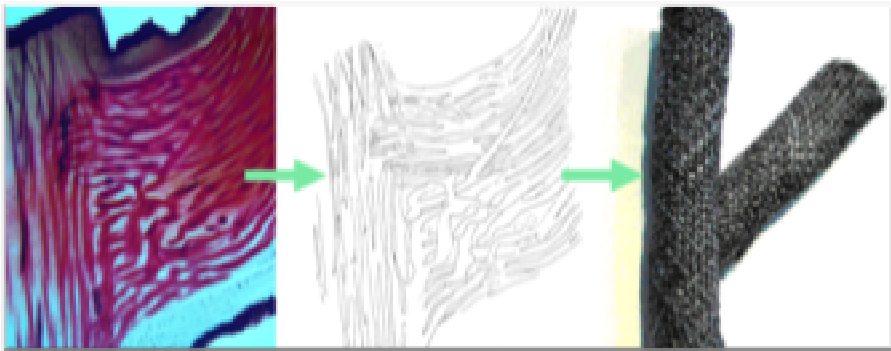


Strategic Workshop

Principles and Development of Bio-Inspired Materials

13-15 April 2010, Vienna, Austria



Workshop Aims

Bio-inspired materials are becoming increasingly relevant to many fields of applications. They achieve their performance and diversity in properties by hierarchical structuring rather than by proliferation of basic substances. This is what allows them to fulfil a variety of functions e.g. adaptive design, self-assembly, self-healing, mechanical stability, toughness, etc.

The aim of the COST Strategic Workshop is to provide a forum to stimulate interactions between relevant disciplines including biology, materials science, biomimetics, engineering and physics.

The Workshop will be organised along three main themes:

- Material Design Strategies of Nature
- Implementation of Biological Concepts (Abstraction and Translation)
- Applications.

Confirmed Speakers

Eduard Arzt, DE
 Friedrich Barth, AT
 Manuel Elices, SP
 Yuri Estrin, AU
 Peter Fratzl, DE
 Lorna Gibson, US
 Helmut Kirchner, FR
 Takuya Kitaoka, JP
 Loredana Moimas, SE
 Dirk Raabe, DE

Franz Riemelmoser, AT
 Robert Ritchie, US
 Subra Suresh, US
 David Taylor, IR
 Yasumitsu Uraki, JP
 Sybrand van der Zwaag, NL
 Viola Vogel, CH
 Ernst Wolner, AT
 Mao See Wu, MY



Workshop Chair

Stefanie Tschegg
 University of Natural Resources and Applied Life Sciences Vienna, BOKU, AT

Co-Chair

Robin Seidel
 University of Freiburg, DE

Steering Committee

Francesca Cosmi
 Università di Trieste, IT

Rainer Erb
 BOKU, DE

George Jeronimidis
 University of Reading, UK

Julián Martínez Fernández
 Universidad de Sevilla, ES

Thomas Rosenau
 BOKU, AT

Lennart Salmen
 STFI, SE

Thomas Speck
 University of Freiburg, DE

Sybrand van der Zwaag
 Delft University of Technology, NL

Science Officer

Caroline Whelan
 Materials, Physical and Nanosciences

Website

www.cost.esf.org/events/biomat

www.map.boku.ac.at/workshopBIOMAT.html



COST is supported by the European Commission



COST is funded by the COST Office, a non-profit organization established in 1985.

Call for Posters

If you wish to present a poster, you must complete the application form and abstract template available at www.map.boku.ac.at/workshopBIOMAT.html no later than **14 October 2009**. Poster contributions will be selected by the Steering Committee.

You must provide your contact details and an abstract, before the application deadline. If you wish to apply for a grant, you must indicate this on the form.

Once your application form has been reviewed and you have been accepted as a participant to the workshop, you will receive a confirmation and will be asked to confirm your participation and pay the conference fee (if applicable) by completing an online registration form.

Three prizes for the best posters will be awarded by the Steering Committee to Early Stage Researchers* who present at the workshop. The following criteria are used to evaluate the posters and choose the winners: structure, coherence of the message, theoretical framework, use of relevant resources and strength of the relationship to the workshop theme.

Financial Support

30 grants are available for Early Stage Researchers* to cover the conference fee and possibly part of the travel costs. Grant requests should be indicated in the "Grant application" section of the application form.

Conference Fees

The following fees apply:

Full 3-Day-Conference Fee	350.00 EUR
Early Stage Researcher* 3-Day Conference Fee	250.00 EUR

The conference fee covers basic expenses including:

- Registration and meeting costs
- Conference proceedings
- Lunches and coffee breaks from 13 to 15 April 2009
- Conference dinner

The conference fee does not cover travel or accommodation expenses.

Registration will open on **1 September 2009**.

More Information

Please visit:

www.cost.esf.org/events/biomat
www.map.boku.ac.at/workshopBIOMAT.html

*Early Stage Researcher = any researcher within the first 10 years work experience since their last qualification (BSc, MSc, PhD) not including career absence.



Mark Your Calendar

Call for Posters

Opening date: 1 July 2009
Closing date: 14 October 2009

Registration for Paying Participants

Opening date: 1 September 2009
Closing date: 1 February 2010

Venue

University of Natural Resources and Applied Life Sciences Vienna, BOKU

Peter Jordan Str. 82
1190 Vienna, Austria

Contact Information

COST Office

Avenue Louise 149
B-1050 Brussels, Belgium

biomat@cost.esf.org

About COST

COST is an intergovernmental framework for European Cooperation in Science and Technology, allowing the coordination of nationally-funded research on a European level.

It is one of the longest-running European instruments supporting cooperation among scientists and researchers across Europe.



COST is supported by the EU RTD Framework Programme



ESF provides the COST Office through a European Commission contract