

## **Current Trends in Mathematics: Algebra, Geometry, Differential Equations, Numerical Analysis, Applications to Biology**

The Foundation for Research and Technology-Hellas (Institute of Applied and Computational Mathematics) in collaboration with the University of Crete (Department of Mathematics) is organizing a continuation of the series Conferences in Mathematics on Crete, sponsored mainly by the European Commission under FP6 - Marie Curie Actions (MC Conferences and Training Courses - Series of Events). During the summer of 2006 the following conferences will take place:

### **Discontinuous change in behavior issues in partial differential equations**

[June 10-16, 2006]

**Organizers:** **I. Athanasopoulos** (Crete), **L. A. Caffarelli** (U.of Texas)

**Main Speakers:** **D. Christodoulou** (ETH), **I. Gamba** (U.Texas), **R. Nochetto** (U.of Maryland), **S. Salsa** (Politecnico di Milano), **M. Soner** (Koc University), **P. Souganidis** (U. of Texas), **T. Zariphopoulou** (U. of Texas)

### **Which Mathematics for Biology?** [July 9-15, 2006]

**Organizers:** **A. Deutsch** (TU Dresden), **D. Manoussaki** (Vanderbilt Univ.), **B. Perthame** (Paris VI)

**Main Speakers:** **A. Deutsch** (TU Dresden), **E. Grenier** (ENS-Lyon), **Y. Kevrekidis** (Princeton Univ.), **H. Metz** (U. Leiden), **P. Maini** (U. Oxford), **C. J. Weijer** (U. Dundee)

The conferences will take place at the Anogia Academic Village, a conference center located in the traditional Cretan village of Anogia on the slopes of mountain Ida. Anogia has an elevation of 750 m, and is about 45 minutes by car from Heraklion, the largest city of Crete, and about half an hour from the closest point on the north coast of Crete. Living expenses (accommodation plus meals) during the conferences are estimated at about 40-60 Euro per person per day. The registration fee amounts to 250 Euro.

The European Commission supports young researchers to enable them to participate in the conferences for training purposes. The researchers should be nationals of the countries which are Member States of the E.U. or Associated States, but there is also a certain amount of support available for young researchers from other countries as well. Graduate students are especially encouraged to participate. In general, young researchers should have a maximum of ten years research experience since obtaining a degree that gives them access to doctoral studies. (Some limited funds from other sources will also be available to support participants not belonging to the above group). The financial support may cover all or parts of the travel, living and registration expenses.

Those interested in participating in one of the conferences should fill out the application form attached below and send it, along with the required information, to the conference secretary Mrs. E. Kafatou at [euroconf@math.uoc.gr](mailto:euroconf@math.uoc.gr) Applications (including the requested supporting material) that will be received by March 25, 2006, will be given full consideration.

For additional information please contact the following organizers.

For the conference

‘Discontinuous change in behavior issues in partial differential equations’:

**I. Athanasopoulos**

**Department of Applied Mathematics**

**University of Crete**  
**71409 Heraklion, Crete,**  
**GREECE**  
**E-Mail: [athan@tem.uoc.gr](mailto:athan@tem.uoc.gr)**

For the conference ‘‘Which Mathematics for Biology?’’

**D. Manoussaki**  
**Department of Mathematics**  
**1326 Stevenson Center**  
**Vanderbilt University**  
**Nashville, TN 37240,**  
**U.S.A.**  
**E-Mail: [manoussaki@gmail.com](mailto:manoussaki@gmail.com)**

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## **Application Form**

Conference:

Name:

Date and place of birth:

Nationality:

Gender:

Current position:

e-mail address:

Postal address:

Research field:

If you wish to give a talk, please give a tentative title.

Do you wish to apply for financial support?

For living expenses: YES / NO

For travel expenses: YES / NO (please give estimated cost of tickets in euros)

For refund of the registration fee: YES / NO

Please give the following information:

1. List which of the following degrees you hold, the University and the date awarded.

University Degree

Master's Degree or equivalent

Ph.D. Degree

2. If you are a graduate student or hold a Ph.D. degree, please state when you were admitted in a Ph. D. program.

Give a short CV including information not stated above.

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