



# BIOMATH 2013

International Conference on Mathematical  
Methods and Models in Biosciences  
Sofia, Bulgaria, 16-21 June 2013

The annual international conference on Mathematical Methods and Models in Biosciences (BIOMATH) will take place from 16 June to 21 June 2013 at the campus of the Bulgarian Academy of Sciences in Sofia, Bulgaria. The conference is devoted to recent research in life sciences based on applications of mathematics as well as mathematics applied to or motivated by biological research. It is a multidisciplinary meeting forum for researchers who develop and apply mathematical and computational tools to the study of phenomena in the broad fields of biology, ecology, medicine, biotechnology, bioengineering, environmental science, etc.

**Participants:** Contributed talks/posters in any of these fields are invited for presentation at the conference. Participants need to submit a one-page abstract indicating clearly the significance of the reported results for the advancement of knowledge in bioscience and/or biotechnology.

**School for young scientists:** The lectures at the school are of more introductory nature giving foundations and insight into the respective topic rather than focusing on new results and are presented by some of the keynote speakers of the conference. A central event of the school is a Hot Topics Workshop.

**History:** The conference continues a tradition of scientific meetings on Biomathematics held in Sofia since 1990. It is supported by several research units of the Bulgarian Academy of Sciences (e.g. the Institutes of Mathematics and Informatics, Mechanics, Information and Communication Technologies, Microbiology, Molecular Biology, Chemical Engineering, Biophysics and Biomedical Engineering, Biodiversity and Ecosystem Research, Neurobiology) and several Universities (Sofia University "KI. Ohridski", Plovdiv University "Paisii Hilendarski", South-West University "N. Rilski"), as well as the Union of the Bulgarian Mathematicians.

**International Steering Committee:** Roumen Anguelov (University of Pretoria), Yves Dumont (CIRAD), Jozsef Farkas (University of Stirling), Peter Hingley (European Patent Office), Peter Hinow (University of Wisconsin–Milwaukee), Hristo Kojouharov (University of Texas at Arlington), Jean Lubuma (University of Pretoria), Svetoslav Markov (Bulgarian Academy of Sciences), Nina Pesheva (Bulgarian Academy of Sciences), Santiago Schnell (University of Michigan).

**Proceedings:** Conference papers will be published in the interdisciplinary science journal *BIOMATH* (<http://www.biomathforum.org/biomath/index.php/biomath>). Selected papers will also be published in special issues of other international science journals, such as *Computers & Mathematics with Applications* and *Biochemical Engineering Journal*.

**Deadlines:** Abstract submission: **31 March 2012**. Early bird registration: **30 April 2013**.

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