



BIOMATH 2012

International Conference on Mathematical
Methods and Models in Biosciences
Sofia, Bulgaria 17-22 June 2012

Topic: The conference is devoted to recent research in biosciences based on applications of mathematics as well as mathematics applied to or motivated by biological applications. 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.

Venue: The campus of the Bulgarian Academy of Sciences, Sofia.

Proceedings: Accepted presentations shall be published in special issues of science journals.

School for young scientists (17 June 2012): 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.

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 (such as the Institutes of Mathematics and Informatics, Information and Communication Technologies, Microbiology, Molecular Biology, Chemical Engineering, Biophysics and Biomedical Engineering, Mechanics, Biodiversity and Ecosystem Research, Neurobiology, etc.) 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.

Conference chairman: Stefan Dodunekov

Program committee: Blagovest Sendov (chairman), Petar Kenderov (vice-chairman), Azmy S. Ackleh, Venko Beschkov, Neli Dimitrova, Ivan Dimov, Yves Dumont, Angel Galabov, Anna Ganeva, Bojko Georgiev, Krassimir Georgiev, Jean-Luc Gouze, Ralitzia Gueorguieva, Anton Iliev, Ivan Ivanov, Lubomir Kasakov, Vasil Kavardjikov, Hristo Kojouharov, Andon Kossev, Tanya Kostova-Vassilevska, Nikolay Kyurkchiev, Leandar Litov, Weldon Lodwick, Jean Lubuma, Philip Maini, Nikolai Manev, Svetozar Margenov, Petar Milanov, Eugene Nickolov, Ilza Pajeva, Asen Rahnev, Santiago Schnell, Nikolay Vitanov, Mila Vlaskovska, Nickolay Yanev.

Organizing committee: Roumen Anguelov and Svetoslav Markov (co-chairmen), Nadia Antonova, Krassimir Atanassov, Ivan Dimov, Miglena Kirilova, Ognyan Kounchev, Tania Pencheva, Nina Pesheva, Antony Popov, Olympia Roeva, Evgenia Sendova, Ivan Simeonov, Eugenia Stoimenova, Plamena Zlateva.

Deadlines: Abstract submission: **31 March 2012. Now extended to 15 April 2012**

Early Bird Registration: 30 April 2012.

Conference desk: info@biomath.bg, abstract submission: abstracts@biomath.bg.

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Website: www.biomath.bg/2012/