



BIOMATH 2011

INTERNATIONAL CONFERENCE ON MATHEMATICAL
METHODS AND MODELS IN BIOSCIENCES
SOFIA, BULGARIA 15-18 JUNE 2011



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 and bioengineering.

Participants: Contributed talks in any of these fields are invited for presentation at the conference. Participants need to submit a one-page abstract on or before 30 April 2011. The abstract has to indicate clearly the significance of the reported results for the advancement of knowledge in bioscience and/or biotechnology.

Venue: Institute of Chemical Engineering and Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, Sofia.

Proceedings: Accepted presentations shall be published in special issues of life science journals (list will be announced soon on the website).

History: The conference continues a tradition of scientific meetings on Biomathematics held in Sofia since 1995. 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, Chemical Engineering, Biophysics, etc.) and several Universities (Sofia University "Kl. Ohridski", 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), Venko Beschkov, Ivan Dimov, Yves Dumont, Angel Galabov, Anna Ganeva, Bojko Georgiev, Krassimir Georgiev, Jean-Luc Gouze, Lubomir Kasakov, Hristo Kojouharov, Andon Kossev, Leandar Litov, Jean Lubuma, Nikolai Manev, Svetozar Margenov, Petar Milanov, Eugene Nickolov, Ilza Pajeva, Valko Petrov, Santiago Schnell, Stoyan Tzonkov, Mila Vlaskovska, Nickolay Yanev.

Organizing committee: Roumen Anguelov and Svetoslav Markov (co-chairmen), Krassimir Atanassov, Ognyan Kounchev, Tania Pencheva, Antony Popov, Olympia Roeva, Evgenia Sendova, Ivan Simeonov, Eugenia Stoimenova, Marta Sugareva, Plamena Zlateva.

Keynote speakers: (confirmed so far) Azmy S. Ackleh (Louisiana, USA), Venko Beschkov (BAS), Yves Dumont (CIRAD, France), Ralitzia Gueorguieva (Yale, USA), Weldon Lodwick, (Colorado, USA), Hristo Kojouharov (Texas, USA), Santiago Schnell (Michigan, USA), Nickolay Yanev (BAS).

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