9th Annual Meeting of the Bulgarian Section of SIAM
December 18 - 19, 2014, Sofia, Bulgaria
(BGSIAM'14)

Organization and Goals:

The event is organized by the Bulgarian Section of SIAM (BGSIAM) and will be hosted by the Institute of Mathematics and Informatics, Bulgarian Academy of Science. The financial support of SIAM is highly appreciated and acknowledged. Realizing the importance of interdisciplinary collaboration and the role that applied mathematics plays in advancing science and technology and industry, we solicit the support of SIAM as the major international organization for Industrial and Applied Mathematics in order to promote the application of mathematics to science, engineering and technology in Republic of Bulgaria.

Scientific Topics: Following the traditions, the topics of interest include (but are not limited to): industrial mathematics; partial differential equations and applications; numerical analysis and algorithms; scientific computing; financial mathematics; neural networks and applications.

Invited Plenary Lectures:

Prof. Alexandar Ianovski, University of Cape Town, South Africa
"Gauge covariant theory of the Generating Operators associated with linear problems of Caudrey-Beals-Coifman type in canonical and in pole gauge with and without reductions"

Prof. Vassil Alexandrov, Barcelona Supercomputer Center, Department of Computer Science
"Towards novel scalable mathematical methods and algorithms for extreme scale computing"

Acad. Blagovest Sendov, Institute of Information and Communication Technology, Bulgarian Academy of Sciences
"On the geometry of polynomials"

Prof. Tsviatko Rangelov, Institute of Mathematics and Informatics, Bulgarian Academy of Sciences
"Wave scattering by heterogeneity in piezoelectric plane via Boundary Integral Equation Method"

Conference Program

Conference Proceedings: BGSIAM'14 Proceedings of the presented talks will be published.

SIAM Sections : http://www.siam.org/join/sections/