



Rousse University

Sixth Conference on Numerical Analysis and Applications, June 15-22, 2016 Lozenetz, Bulgaria



Organized by Division of Numerical Analysis and Statistics, University of Rousse, Rousse, Bulgaria, in cooperation with the Department of Parallel Algorithms, Institute of Information and Communication Technologies, Bulgarian Academy of Sciences, Sofia

This conference is sixth in a series. The first meeting (June 24-28, 1996) attracted over 80 participants from more than 22 countries. Among them there were 24 participants from Bulgaria and 20 participants from the remaining Eastern European countries. In this way the meeting facilitated an exchange of ideas between East and West. The refereed Proceedings were published by Springer Verlag in their Lecture Notes in Computer Science series (LNCS)(vol.1196).

The second one (June 11-15, 2000) attracted over 100 participants from more than 23 countries, among them there were 21 participants from Bulgaria and 22 participants from the remaining Eastern European countries

The third one (June 29-July 3, 2004, LNCS, vol.3401), the fourth one (June 29-July 3, 2008, LNCS, vol.5434) and the fifth one (June 15-20, 2012, LNCS, vol.8236) were held with the same success.

Special topics:

Novel methods in computational finance based on the FP7 Marie Curie Action, Project Multi-ITN STRIKE - Novel Methods in Computational Finance, Grant Agreement Number 304617;

Advanced numerical and applied studies of fractional differential equations.

The main tracks of the conference are planned to be:

1. Numerical Approximation and Computational Geometry
2. Numerical Linear Algebra and Numerical Solution of Transcendental Equations
3. Numerical Methods for Differential Equations
4. Numerical Stochastics
5. Numerical Modeling
6. High Performance Scientific Computing

We plan to organize this conference at a hotel in the village Lozenetz on the southern seaside of Bulgaria, June 15-20, 2016.

List of Plenary and Key Lecturers, who already accepted invitation of the Org. Committee: I. Arregui (Spain), L. Badea (Romania), C. Christara (Canada), I. Dimov (Bulgaria), I. Farago (Hungary), B. S. Jovanovic (Serbia), M. Gander (Switzerland), F. Gaspar (Spain), A. Khaliq (USA), N. Kopteva (Ireland), R. Lazarov (USA), Y. Lin (Canada), F. Liu (Australia), P. Matus (Belarus), G. Milovanovic (Serbia), B. Popov (USA), M. Razzaghi (USA), V. Shidurov (Russia), G. Shishkin (Russia), M. Styne s (China), Z. Sun (China), P. Vabishchevich (Russia), S. Wang (Australia), L. Zikatanov (USA), S.-P. Zhu (Australia).

Organizing Committee: L. Vulkov (Chairman), I. Angelova, T. Chernogorova, Y. Dimitrov, M. Koleva, W. Mudzimbabwe, R. Valkov

The Programme of the Conference includes plenary lectures, invited lectures, reports at sessions, Minisymposia.

Papers for the Proceedings: Proceedings (in a book form) of only refereed papers (up to 8 pages for contributed talks and up to 12 pages for key lectures) will be published in a book by Springer Verlag in their LNCS as previous conferences.

Each paper publication must be covered by separate registration fee.

Conference Location: hotel Ambelitz in the village Lozenetz on the southern seaside of Bulgaria.

Conference Site: <http://parallel.bas.bg/dpa/NAA16/>

Contact Address:

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Conference Fee: The conference fee covers a reception, an excursion, welcome party, conference dinner, a volume with the abstracts, the proceedings, the expenses for publishing of the submitted paper and some other materials. It is

for:

Non-students: 300 EURO; Students: 150 EURO; Accompanying person: 80 EURO.

Deadlines:

Deadline for registration: **15 February, 2016**

Deadline for proposal for organizing of minisymposia: **January 15, 2016**

Deadline for abstract submissions: **January 15, 2016**

Notification of acceptance : **January 30, 2016**

Deadline for submissions of the full paper: **April 15, 2016**

Notification of acceptance of the full paper: **May 10, 2016**

Accommodation will be arranged in Ambelitz Hotel (www.ambelitz.com).