

# **Fourth Conference on Numerical Analysis    225 and Applications, June 16-20, 2008 Lozenetz, Bulgaria**

**Organized by Department of Mathematics and Informatics,  
University of Rousse, Rousse, Bulgaria**

This conference is the fourth in this 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 other Eastern European countries. In this way the meeting facilitated the exchange of ideas between East and West. The refereed Proceedings were published by Springer Verlag in their Lecture Notes in Computer Science series (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 refereed Proceedings were published by Springer Verlag in their Lecture Notes in Computer Science series (vol. 1988).

The third one (June 29-July3, 2004), see conference site:<http://ru.acad.bg/naa04>), was with over 100 participants and the refereed Proceedings were published by Springer Verlag in their Lecture Notes in Computer Science series (vol. 3401).

**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 Modeling
5. High Performance Scientific Computing

**We plan to organize this conference at a hotel in the resort village Lozenetz on the southern seaside of Bulgaria, June 16-20, 2008.**

**List of Plenary and Key Lecturers,**

who already accepted invitation of the Org. Committee:

G. Akrivis (Greece), F. C. Chatein (France), Ch. Christov (USA), I. Farago (Hungary), B. S. Jovanovic (Serbia), N. Kopteva (Ireland), S. Larson (Sweden), R. Lazarov (USA), V. Makarov (Ukraine), S. Margenov (Bulgaria), P. Matus (Belarus),

G. Milovanovic (Serbia), S. Nicaise (France), E. O'Riordan (Ireland), V. Shidurov (Russia), G. Shishkin (Russia), P. Vabishchevich (Russia)

**Organizing Committee:** *L. Vulkov* (Chairman),  
*I. Angelova, I. Brayanov, J. Kandilarov, H. Kojouharov, M. Koleva*

**The Programme** of the Conference includes plenary lectures, invited lectures, reports at sessions, and 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 as previous conferences, (see <http://www.ru.acad.bg/naa04>). Each paper publication must be covered by separate registration fee.

**Conference Location:** Hotel SUNSET in the resort village Lozenetz on the southern seaside (Black Sea) of Bulgaria, see

[http://www.bulgariansearesorts.com/lozenetz\\_general\\_info.html](http://www.bulgariansearesorts.com/lozenetz_general_info.html)  
[http://www.sunsetbeach-bg.com/prices\\_en.php](http://www.sunsetbeach-bg.com/prices_en.php)

**Accommodation** will be arranged in few hotels (mainly in Hotel **SUNSET beach**) and private houses in Lozenetz.

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

Non-students: 220 EURO; Students: 110 EURO; Accompanying persons: 80 EURO.

**Deadlines:**

Deadline for registration: **15 April, 2008**

Deadline for proposal for organizing of minisymposia: **15 May, 2008**

Deadline for abstract submissions: **30 April, 2008**

Deadline for submissions of the full paper: **15 May, 2008**

Notification of acceptance of the full paper: **5 June, 2008**

**Conference Site:** <http://www.ru.acad.bg/naa08>

**Chairman:** L. Vulkov, E-mail: [lvulkov@ru.acad.bg](mailto:lvulkov@ru.acad.bg) , [vulkov@ami.ru.acad.bg](mailto:vulkov@ami.ru.acad.bg)

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