

**Institution of Russian Academy of Sciences
Scientific Research Institute of Applied Mathematics and Automation of KBSC of RAS
Abkhazian State University
Kabardino-Balkarian State University named after H.M.Berbekov
International Institute of Mathematics and Nanotechnology of
Adyghe (Circassian) International Academy of Sciences**

**International Russian - Abkhazian symposium
«Mixed type equations and
related problems of the analysis and computer science»**

**On May, 17-22, 2009
(Kabardino-Balkarian Republic, Nalchik - Elbrus)**

Scientific Research Institute of Applied Mathematics and Automation of Kabardino-Balkarian Scientific Centre of Russian Academy of Sciences (SRI AMA) with Abkhazian State University (ASU), Kabardino-Balkarian State University named after H.M.Berbekov (KBSU) and International Institute of Mathematics and Nanotechnology of Adyghe (Circassian) International Academy of Sciences (AIAS) organize an International Russian-Abkhazian symposium «Mixed type equations and related problems of the analysis and computer science».

Within the framework of the symposium the VII School of young scientists «Nonlocal boundary value problems and problems of the modern analysis and computer science» will be hold.

Working languages – Russian and English

Co-chairmen of organizing committee:

Nakhushev A.M. (SRI AMA, AIAS, Nalchik, Russia)
Gvaramia A.A. (ASU, AIAS, Sukhum, Abkhazia)
Karamurzov B.S. (KBSU, Nalchik, Russia)

BRANCHES OF THE SYMPOSIUM

Following questions will be discussed on the Symposium: non-local boundary value and inverse problems for differential equations of integer and fractional order; function theory; spectral theory operators; harmonic analysis; mathematical modeling of physic and social economic processes, occurring in media, interpreted as fractals.

Scientific Programme:

1. Boundary value problems for differential equations and related problems of function theory and functional analysis.
2. Fractional calculus and analysis on fractals.
3. Mathematical and informational modeling of non-local processes and systems with memory.
4. Problems of mathematical modeling of mixed and nano-systems.

LOCATION AND DATE OF THE SYMPOSIUM

Russia, Kabardino-Balkarian Republic, Elbrus village, Academic-scientific staff of KBSU. The Symposium will be held on the territory of the «Prielbrusje» National park.
Starting day - May17, 2009, ending day – May, 22, 2009.

REGISTRATION

For participating in the Symposium one has to submit participation application and report materials in typed, electronic form

1. Last name, first name, patronymic (in full)
2. Name of organization (in full)
3. Position, scientific degree
4. Date of birth
5. Mailing address
6. Phone number, e-mail, fax-number
7. Name of a report
8. The type of the report (plenary – 30 min; sectional -15 min, wall report) and sections number
9. Type of participation (listener; reporter; publication of the report in the report-book without visiting)

REPORT REQUIREMENTS

The number of pages – not more than 3 pages of A5 format, 11 pt, typical using TeX system with the head format

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\documentclass[11pt]{article}
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\begin{document}
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The registration application deadline is **March 31, 2009.**

The electronic version of the reports are sent at: ras-2009@mail.ru, niipma@mail333.com.

CONTACT INFORMATION

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