

# The XXVII Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics

22-24 April 2013

The following sections are foreseen:

- **Mathematical Logic and Foundations** (Chairs: Roland Omanadze, Alexander Kharazishvili; Co-chair: Archil Kipiani; email: archil.kipiani@tsu.ge)
- **Applied Logics and Programming** (Chair: Matthias Baaz; Co-chairs: Jemal Antidze, Khimur Rukhaia, email: khimuri.rukhaia@viam.sci.tsu.ge)
- **Algebra and Geometry** (Chairs: Mikhail Amaghlobeli, Teimuraz Vepkhvadze, George Khimshiashvili; Co-chair: Ketevan Shavgulidze; email:ketevanshavgulidze@yahoo.com)
- **Real Analysis** (Chairs: Ushangi Goginava, Leri Gogoladze; Co-chair: Ana Danelia; email: z\_goginava@hotmail.com)
- **Complex Analysis and Applications** (Chair: Grigor Giorgadze; Co-chair: George Akhalaia; email: gia.giorgadze@tsu.ge)
- **Ordinary Differential Equations and Optimal Control** (Chairs: Tamaz Tadumadze, Roman Koplatadze; email: tamaztad@yahoo.com)
- **Partial Differential Equations** (Chairs: David Natroshvili, Sergo Kharibegashvili, Temur Jangveladze; Co-chair: Zurab Kiguradze; email: tjangv@yahoo.com)
- **Theory of Probability and Mathematical Statistics** (Chair: Elizbar Nadaraia; Co-chair: Omar Purtukhia; email: o.purtukhia@gmail.com)
- **Mechanics of Continua** (Chairs: Tengiz Meunargia, Merab Svanadze, Jondo Sharikadze, Nuri Khomasuridze, George Jaiani; Co-chair: Natalia Chinchaladze; email: chinchaladze@gmail.com)
- **Mathematical Modeling and Numerical Analysis** (Chairs: David Gordeziani, Tamaz Vashakmadze, Jemal Rogava; Co-chair: Teimuraz Davitashvili; email: tedavitashvili@gmail.com)

Each presentation will be scheduled for 20 minutes.

We ask all persons interested in participating in the seminar to contact chairs of the corresponding section and send the title of the presentation (in Georgian and English, in case of co-authors, indicate the speaker) before March 23, 2013. Each participant is allowed to present only one paper.

The peer-reviewed manuscripts will be published. The source TEX-file and the corresponding Pdf-file of the English version of the talk, not exceeding four A4-format pages should be sent to the editorial board of the Reports of Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics before May 31 at the following address:

[viam.enlarged@gmail.com](mailto:viam.enlarged@gmail.com)

Opening of the Seminar will start on April 23, 2013 at 13:00 in I. Vekua Institute of Applied Mathematics (University str. 2, 0186 Tbilisi, Georgia).

As usual on April 23 at 16:00 a visit to the grave of Ilia Vekua at the Mtatsminda Pantheon is planed.

Organizing Committee