

International Conference

**“CONTINUUM MECHANICS AND RELATED PROBLEMS
OF ANALYSIS”**

September 9-14, 2011, Tbilisi, Georgia

The conference was dedicated to 70 year of the Georgian National Academy of Sciences and 120-th birthday of its first president academician Nikoloz (Niko) Muskhelishvili (16.02.1891 – 16.07.1976).

The conference was organized by:

- Ministry of Education and Science of Georgia,
- The Georgian National Academy of Sciences,
- I. Javakhishvili Tbilisi State University,
Andrea Razmadze Mathematical Institute,
I. Vekua Institute of Applied Mathematics,
- Georgian Technical University,
N. Muskhelishvili Institute of Computational Mathematics,
- Georgian Mathematical Union.

Academician N. Muskhelishvili (<http://rmi.ge/person/muskhel/>), the most famous Georgian mathematician and mechanist, was the author of outstanding scientific works in the fields of singular integral equations and theory of elasticity, the first and lifetime Director of Andrea Razmadze Mathematical Institute (1933–1976), and the first and almost lifetime (1941–1971) President of the Georgian Academy of Sciences (at present Georgian National Academy of sciences). His contribution to mathematics and mechanics is widely acknowledged and respected by scientists from all over the world.

The conference covered the following topics: Mechanics of Continua; Singular Integral and Pseudodifferential Equations; Differential Equations and Applications; Real, Complex and Stochastic Analysis; Mathematical Physics; Numerical Analysis and Mathematical Modeling.

In the conference participated up to 150 scientists from 27 countries, among them 80 from abroad and about 70 from Georgia.

The participants delivered about 130 30 minute reports on Sections, 4 plenary and 20 semi-plenary 1 hour talks. The plenary talks were delivered by: Gamkrelidze, Revaz (Russia), Mang, Herbert (Austria), Toland, John (UK), Shataashvili, Samson (Ireland/France). The semi-plenary talks were delivered by: Bancuri, Revaz & Shavlakadze Nugzar (Georgia), Bojarsky, Bogdan (Poland), Chobanjan, Sergey (Georgia), Epremidze Lasha (Georgia), Elishakoff, Isaac (USA), Giorgadze, Grigor & Khimshiashvili,

George (Georgia), Hsiao, George (USA), Jaiani, George (Georgia), Kinzler, Reinhold (Germany), Kokilashvili, Vakhtang & Paatashvili, Vakhtang (Georgia), Lanza de Cristoforis, Massimo (Italy), Meskhi, Alexander (Georgia), Meunargia Tengiz (Georgia), Persson, Lars-Erik (Sweden), Podio-Guidugli, Paolo (Italy), Speck, Frank (Portugal), Shargorodsky, Eugene (UK), Spitkovsky, Ilya (USA), Stephan, Ernst (Germany), Vasilevski, Nikolay (Mexico)

More detailed information about the conference, posters, program, abstract, the list of plenary speakers and participants are available on the WEBS:

<http://www.rmi.ge/muskhelishvili120/> and/or
<http://www.science.org.ge/muskhelishvili120/>

Prof. Roland Duduchava
Chairman of the Organizing Committee,
President of the Georgian Mathematical Union