INTERNATIONAL WORKSHOP ON OPERATOR THEORY AND APPLICATIONS

IWOTA 2015

Tbilisi, Georgia, July 6 to 10, 2015

Organizer: GEORGIAN MATHEMATICAL UNION
Co-Organizers
GEORGIAN NATIONAL ACADEMY OF SCIENCES
IVANE JAVAKHISHVILI TBILISI STATE UNIVERSITY

Sponsors
SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION
INTERNATIONAL MATHEMATICAL UNION, COMMITTEE FOR DEVELOPING COUNTRIES
STICHTING ADVANCEMENT OF MATHEMATICS, AMSTERDAM, THE NETHERLANDS

Venue
- Mornings sessions (invited lectures): Georgian National Academy of Sciences, Rustaveli Avenue 52.
- Afternoons parallel sessions: Main building of Ivane Javakhishvili Tbilisi State University, Ilya Chavchavadze, Avenue 1, WEB: www.tsu.ge/en/.

Chair Steering Committee: M.A. KAASHOEK

Local Organizing Committee
- Buchukuri Tengiz
- Davitashvili Tinatin (Scientific Secretary)
- Duduchava Roland (Chairman)
- Gogishvili Guram
- Kapanadze David
- Kereselidze Nugzar
- SiguaLevan
- Tsava Medea (Scientific Secretary)

Plenary / Invited speakers
Boettcher Albrecht (Germany)
Ball Josef (USA)
Bart Harm (Netherlands)
Curto Raul (USA)
Esteban Maria (France)
Kaashoek Marinus (Netherlands)
Kapanadze David (Georgia)
Klep Igor (New Zealand)
Knees Dorothee (Germany)
Kostenko Oleksiy (Austria)
Meskhi Alexander (Georgia)
Peller Vladimir (USA)
Rabinovich Vladimir (Mexico)
Ran Andre (Netherlands)
Shargorodsky Eugene (UK)
Shkalikov Andrei (Russia)
Speck Frank (Portugal)
Spitkovski Ilya (USA & UAE)
Vasilevski Nikolai (Mexico)
Vinnikov Victor (Israel)

Thematic Sessions
1. Structured linear algebra
2. Operator theory methods in singular integral equations
3. Variational methods and applications
4. Toeplitz operators and related topics
5. Algebraic and analytic aspects of Hilbert space operators
6. Perturbations of linear operators
7. Operator theory, real algebraic geometry and moment problems
8. Free noncommutative analysis and its applications
9. Partial differential equations and applications
10. Linear operators and spectral problems
11. Operator theory, real and complex analysis

Web page: http://www.gmu.ge/iwota2015/