

# INTERNATIONAL WORKSHOP ON OPERATOR THEORY AND APPLICATIONS

# IWOTA 2015

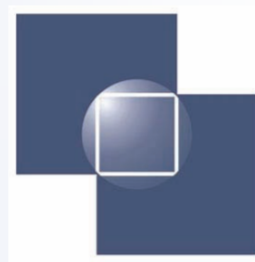
Tbilisi, Georgia, July 6 to 10, 2015



Organizer: GEORGIAN MATHEMATICAL UNION

Co-Organizers

GEORGIAN NATIONAL ACADEMY OF SCIENCES  
IVANE JAVAKHISHVILI TBILISI STATE UNIVERSITY



შოთა რუსთაველის ეროვნული  
საზღვნიერო ფონდი  
SHOTA RUSTAVELI NATIONAL  
SCIENCE FOUNDATION



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.  
WEB: [www.science.org.ge/new/index.php/en/](http://www.science.org.ge/new/index.php/en/).*
- Afternoons parallel sessions: *Main building of Ivane Javakhishvili Tbilisi State University,  
Ilya Chavchavadze, Avenue 1, WEB: [www.tsu.ge/en/](http://www.tsu.ge/en/).*

Steering Committee: [www.cs.vu.nl/~kaash/iwota.htm](http://www.cs.vu.nl/~kaash/iwota.htm).

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
- Tsaava Medea (*Scientific Secretary*)

## Plenary / Invited speakers

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

## 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
12. Memorial Session: Remembering Leiba Rodman (1949 - 2015)

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