VIAM Workshop:

On State of Art Concerning Some Classes of Equations of Mathematical Physics

Scientific-Program Committee:
Lucian Beznea (Romania, Co-chair)
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Organizing Committee:
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Organizers:

VIAM TSU – I. Vekua Institute of Applied Mathematics (VIAM) of I. Javakhishvili Tbilisi State University (TSU)

TICMI – Tbilisi International Centre of Mathematics and Informatics

IMAR – Simion Stoilow Institute of Mathematics of the Romanian Academy, Bucharest, Romania
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Invited Lecturers:

14:00 - 14:40 D. Natroshvili (GTU, VIAM). Application of the potential method to transmission problems for composite layered elastic structures containing interfacial cracks

14:45 - 15:25 R. Purice (IMAR). An algebra of infinite matrices associated to the Weyl pseudo-differential calculus

15:30-16:10 G. Jaiani (VIAM). Even Order Singular Elliptic Equations

Coffee Break

Talks:

16:30 - 16:50 Oana Lupascu-Stamate (Gheorghe Mihoc-Caius Iacob Institute of Mathematical Statistics and Applied Mathematics of the Romanian Academy, Bucharest, Romania). Stochastic fragmentation processes for a system of particles with spatial position

16:55 - 17:15 G. Rukhaia (VIAM). Monge-Ampere equations in freeform optics, and the corresponding optimal transport solvers

17:20 - 17:40 M. Kokhreidze (TSU). Construction of Mathematical Models for Reiner Elastic Materials

17:45-18:00 Round Table