

Dear Colleagues!

The V. Kupradze Institute of Mathematics at the University of Georgia is pleased to invite you to the Online Tbilisi Analysis & PDE Seminar. The seminar is held bi-weekly on Wednesdays at 20:00 (GMT+4) local time in Tbilisi.

Talk on November 11, 2026

Speaker: Prof. **Alberto Cialdea**, University of Basilicata, Italy;
E-mail: alberto.cialdea@unibas.it;
https://www.researchgate.net/profile/Alberto-Cialdea

The title of the lecture: "Completeness Theorems and Boundary Value Problems: Recent Results"

Abstract: In this talk, I will present some recent results on completeness theorems for systems of functions defined on the boundary of a domain. Given a boundary value problem in a domain A, the aim is to establish the completeness, in a suitable function space on the boundary of A, of the system obtained by applying the associated boundary operator to a chosen family of solutions of the underlying partial differential equation. In particular I will discuss higher-order elliptic equations with constant coefficients, systems of elasticity, and parabolic equations, as well as recent completeness results in Besov spaces.

Date: November 11, 2026
Time: 20:00 (GMT+4) local time in Tbilisi;
(**Compare to your local time**: https://www.timeanddate.com/worldclock/georgia/tbilisi);

How to join:

The seminar is organized on the **Google Meet** platform. If you are already registered, you do not need to register again. Otherwise, to join the seminar, please send an email to **kim@ug.edu.ge** or register here:

https://forms.gle/xfQJ9fg1uqe7CrZw6.

You will then receive further information.

WEB of Seminar: https://ug.edu.ge/en/tbilisi-analysis-and-pde-seminars.

Organizers:

1. R. Duduchava, Institute of Mathematics, University of Georgia, Tbilisi, Georgia
2. E. Shargorodsky, Department of Mathematics, King's College London, UK
3. A. Meskhi, Kutaisi International University, Kutaisi, Georgia

Secretary:

M. Tsaava, Institute of Mathematics, University of Georgia, Tbilisi, Georgia

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Google Meet Join Information

- **Video Call Link:** https://meet.google.com/msj-atrm-cno
- **Invitation (Calendar) Link:** https://calendar.google.com/calendar/u/0/r/week/2026/10/28?hl=en