



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 June 3, 2026**

**Speaker:** Dr. Vasiliki Evdoridou, The Open University, UK;

**E-mail:** [vasiliki.evdoridou@open.ac.uk](mailto:vasiliki.evdoridou@open.ac.uk);

<https://profiles.open.ac.uk/vasiliki-evdoridou>

**The title of the lecture:** “Contracting sequences of inner functions”

**Abstract:** Abstract: In the setting of iteration of inner functions, Aaronson and also Doering and Mane gave a remarkable dichotomy about the behaviour of the boundary extension. They showed that this behaviour is of one of two entirely different types, depending on the size of the sequence  $(|f^n(0)|)$ . We will discuss the two parts of this dichotomy in the setting of forward compositions of inner functions. We will focus on the second part, which is more intriguing, and present some results in the case where the composition is contracting. This is joint work with A.M. Benini, N. Fagella, P. Rippon and G. Stallard.

**Date:** June 3, 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](mailto: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

## Technical support:

T. Kuzmina, Institute of Mathematics, University of Georgia, Tbilisi, Georgia

G. Tutberidze, Institute of Mathematics, University of Georgia, Tbilisi, Georgia



## Google Meet Join Information

- **Video Call Link:** <https://meet.google.com/fes-ughx-mob>
- **Invitation (Calendar) Link:** <https://calendar.app.google/7GxkYetKVZVAEpcz8>