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 May 6, 2026

Speaker: Professor **Sergey Tikhonov**, ICREA, Catalan Institution for Research and Advanced Studies, Spain;
E-mail: stikhonov@crm.cat;
https://www.icrea.cat/community/icreas/17608/sergey-tikhonov/

The title of the lecture: "Absolute convergence of Fourier expansions"

Abstract: In 1936, Bernstein asked the following: What degree of smoothness (measured in Lipschitz conditions) is optimal to guarantee that the Fourier series is absolutely convergent? We answer this question for multiple Fourier series and transforms.

Date: May 6, 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/fes-ughx-mob
- **Invitation (Calendar) Link:** https://calendar.app.google/7GxkYetKVZVAEpzc8