



Dear Colleagues!

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

**Talk on November 12, 2024**

**Speaker:** Prof. **Dmitri Vassiliev**, University College London.  
<https://profiles.ucl.ac.uk/2572-dmitri-vassiliev>

**"Spectral analysis of first order systems"**

**Abstract:** I will examine the spectrum of self-adjoint first order systems of partial differential equations on closed manifolds. Typical examples are the massless Dirac operator and the operator curl acting on a connected oriented closed Riemannian 3-manifold.

**Date:** November 12, 2024

**Time:** 20 : 00 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 **Cisco Webex Meetings**. If you are already registered, you do not need to register again. Otherwise, to join the seminar please send an e-mail to [seminarim@ug.edu.ge](mailto:seminarim@ug.edu.ge) or register here:

<https://forms.gle/xfQJ9fg1uqe7CrZw6>

You will then receive further information.

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

## Organizers:

1. R. Duduchava, Institute of Mathematics, University of Georgia, Tbilisi
2. E. Shargorodsky, Department of Mathematics, King's College London
3. G. Tephnadze, Institute of Mathematics, University of Georgia, Tbilisi

## Secretary:

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

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