



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 December 17, 2024**

**Speaker:** Prof. **Luigi Giacomo Rodino**, University of Torino, Italy.  
[https://ssst.campusnet.unito.it/do/docenti.pl/Show?\\_id=lrodino#tab-profilo](https://ssst.campusnet.unito.it/do/docenti.pl/Show?_id=lrodino#tab-profilo)

**"Wigner Kernel of Operators"**

**Abstract:** We present a novel Wigner analysis of Fourier integral operators. with a particular focus on Schrodinger propagators derived from quadratic Hamiltonians with bounded perturbations. Work in collaboration with E.Cordero and G.Giacchi.

**Date:** December 17 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

### Technical support:

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