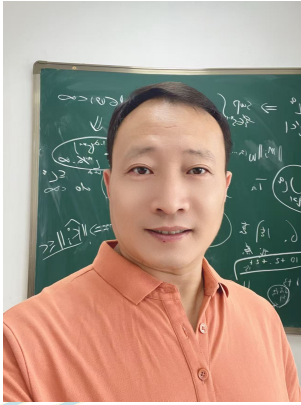




Dear Colleagues!

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 Wednesdays.

Talk on October 29, 2025

Speaker: Prof. **Qingying Xue**, Beijing Normal University.
<http://math0.bnu.edu.cn/~xueqingying/>

"On the boundedness of multilinear pseudo-differential operators"

Abstract: The origin of the study of the linear pseudo-differential operators can be traced back to the outstanding works of Kohn and Nirenberg and Hörmander. The theory of multilinear pseudo-differential operators was first established by Coifman and Meyer. Since then, many works have been done. In this talk, we first recall some background of the multilinear pseudo-differential operators and then present some recent results, in particular, the quantitative weighted estimates for the multilinear pseudo-differential operators in general function spaces.

Date: October 29, 2025

Time: 19 : 00 local time in Tbilisi;

(Compare to your local time: [https://www.timeanddate.com/worldclock/georgia/tbilisi\);](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 e-mail to kim@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>

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2. E. Shargorodsky, Department of Mathematics, King's College London
3. A. Meskhi, Kutaisi International University, Kutaisi

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