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 October 15, 2024

Speaker: Prof. **Sundaram Thangavelu**, Indian Institute of Science, Bangalore.
`https://math.iisc.ac.in//~veluma/`

"How fast can the Fourier transform of a compactly supported function decay?"

Abstract: It is well known that the Fourier transform of a compactly supported function on $\mathbb{R}^n$ cannot have compact support. A natural question is therefore what is the best possible decay for such functions. A classical theorem of Ingham answers this question. In this talk we survey the recent developments on the analogues of this theorem when Fourier transform is replaced by Helgason Fourier transform on Riemannian symmetric spaces or the group Fourier transform on Heisenberg groups.

Date: October 15, 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** 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:

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3. G. Tephnadze, Institute of Mathematics, University of Georgia, Tbilisi

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