QGraph 2026:
Quantum graphs in Mathematics, Physics and Applications XIV

WG1 + WG2 workshop

Dear colleagues,

We are pleased to announce the workshop

QGraph 2026: Quantum graphs in Mathematics, Physics and Applications

jointly organized by **Working Groups 1** and **2** of the COST Action CA24122 mSPACE. Traditional topics for the QGraph meetings are:

- Experiments with QGraphs
- QGraphs as models in solid state physics
- Spectral properties of QGraphs
- Inverse problems for QGraphs
- Quasi-periodic and random operators

The workshop is intended to foster collaboration between the two working groups, therefore our focus this year will be on:

- Spectral geometry of graphs
- M-functions and energy-dependent Steklov problems
- Isospectral deformations

A central theme of the workshop is the interplay between Laplace-type operators on graphs and manifolds.

Plan of the workshop The first day will be devoted for introductory/survey talks, the other two days will contain presentations by ordinary participants and open discussions. Interested participants will be able to attend Nobel lectures in the morning of December 8.

Financial support Financial support is available only for a limited number of participants. If you would like to apply for support, please indicate this during the registration process using the link below. Decisions regarding financial support are expected to be announced on November 10.

Date:	5-7 December 2026
Venue:	Stockholm, Sweden
Registration:	https://www.cognitoforms.com/NA3087/QGraph2026ApplicationForm
Application for support:	until 01.11.2026
Contact:	kurasov@math.su.se (WG 1) jbkennedy@ua.pt (WG 2)