

STUDENTS' PURE MATH SEMINAR

School of Mathematics and Physics
Xi'an Jiaotong-Liverpool University

Date: 2025.01.11 - 2025.01.26

Location: MB SIP

Details

Topic	Speaker
Functional analysis	Liangyu.Chen
Introduction to infinite category	Likai.Yang
A friendly introduction to Galois Theory	Hongwei.Wang
Introduction to Lie Groups and Lie Algebras	Zhezhu.Han
An introduction to Measure Theory	Jiaqi.Huang
Advanced Linear Algebra	Bowei.Tang

Report	Speaker	Introduction
Moduli spaces for everyone	Lizi.Guo	A moduli space is a parameter space for classes of geometric objects of interest, which plays an important role in algebraic geometry. This report will introduce some toy models of moduli space and moduli spaces of Riemann surfaces, also some recent results in this field.
Spectral graph theory	Yixiang.Fei	Spectral graph theory is a branch of graph theory that explores the properties of graphs through the eigenvalues and eigenvectors of matrices associated with the graphs. This report will give a introduction to spectral graph theory and some applications.

This Seminar are open to **all students in the Department of Mathematics**, regardless of their year or research field. Participation is not mandatory after apply.

We will **not conduct a very professional and in-depth mathematics course**, we just provide a platform and opportunity for **everyone** to exchange their mathematical knowledge that they are interested in, and anyone can come on stage to share what they have learned and felt.

JOIN US NOW

Before 2024.12.28

For more information please contact:
Hongwei.wang22@student.xjtlu.edu.cn

