Landau damping

报告人： **Quoc Hung Nguyen**（中科院数学与系统科学研究院）

时　间：　2025年7月2日 15:00--16:00

地　点： 良乡校区 文萃楼 E609

邀请人： Emmanuel Grenier，边东芬

摘　要： In this talk, I will present recent progress on the theory of Landau damping for the Vlasov–Poisson system, with an emphasis on nonlinear dynamics around various equilibrium states. The discussion will include both rapidly decaying equilibria and non-monotone, compactly supported profiles. I will also address extensions to the relativistic regime, highlighting new challenges and developments in this setting.

Quoc Hung Nguyen，中科院数学与系统科学研究院教授，长期从事偏微分方程领域研究，到目前为止，在CPAM, JEMS, CMP等国际权威期刊上发表论文50余篇。