



Department of Mathematics Seminar

Computation and Applications of Symplectic Invariants

By

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Abstract: Symplectic geometry provides a rich framework for studying geometric structures, including those arising from algebraic equations, with deep connections to topology, representation theory, and mathematical physics. In this talk, I will present some of my contributions to the field, with a focus on Fukaya categories as invariants of symplectic manifolds. I will explain how local-to-global methods make these categories computable and describe their relationship with representations of quivers.

Date: Wednesday, May 14, 2025

Time: 13:30 (GMT+3)

Place: ZOOM

To request the event link, please send a message to turker.ozsari@bilkent.edu.tr