

Facets of Symplectic Geometry

Time | 10:00-17:00
Venue | R. 505, Cosmology Building, NTU

Speakers

Tomohiro Asano
Yoshihiko Mitsumatsu

Kyoto University
Chuo University

Organizers

River Chiang
Kaoru Ono

National Cheng Kung University
RIMS, Kyoto University

Introduction & Purposes

Facets of Symplectic Geometry comprises lecture series designed to showcase the diversity and depth of symplectic geometry. The goal is to provide participants with a broad overview of the field, from core ideas to current research trends, while also highlighting its connections with areas like topology, dynamics, and mathematical physics. Through lecture series on a variety of topics, this workshop aims to create a space for learning, discussion, and collaboration among students, researchers, and anyone interested in the rich and multifaceted landscape of symplectic geometry.

Agenda

6/16
Title: Chern-Hamilton conjecture on metrics of contact 3-manifolds
Speaker: Yoshihiko Mitsumatsu

6/17
Title: Microlocal sheaf theory and the peg problem
Speaker: Tomohiro Asano

6/18
Title: Lefschetz fibration of Milnor fibers of cusp singularities
Speaker: Yoshihiko Mitsumatsu

6/19
Title: Microlocal sheaf theory and the peg problem
Speaker: Tomohiro Asano

