



The Abdus Salam
International Centre
for Theoretical Physics



VIASM
VIETNAM INSTITUTE FOR
ADVANCED STUDY IN MATHEMATICS

School on Quantum Topology and Hyperbolic Geometry

DESCRIPTION:

This school is organised by Vietnam Institute for Advanced Study in Mathematics, in partnership with the Clay Mathematics Institute.

MORE INFORMATION:

The program consists of two parts: the conference “Quantum Topology and Hyperbolic Geometry”, which will be held from June 2 to 6, 2025, followed by the summer school from June 9 to 13, 2025. The conference will be held in Phu Quoc island, Vietnam. For more information, please visit: <https://viasm.edu.vn/hdkh/Conf-Topo-Geo-2025>

The school will feature 5 minicourses (around five hours each) and 3-4 problem sessions. The morning minicourses will be accompanied by afternoon brainstorm sessions. For more information, please visit: <https://viasm.edu.vn/hdkh/School-Topo-Geo-2025>

The goal of this conference and school is to introduce graduate students, advanced undergraduate students, young researchers, and interested mathematicians in Vietnam, Southeast Asia, and other countries in Asia, to the basics of quantum topology and its connection to many branches of mathematics, including low-dimensional topology, representations of quantum groups, combinatorics, and in particular hyperbolic geometry. It will also introduce the audience to applications of quantum topology to various areas of mathematics.

CLAY LECTURER:

Ciprian Manolescu
Stanford University, USA

PRINCIPAL LECTURERS:

Francis Bonahon
University of Southern California, USA
Francois Costantino
University of Toulouse, France
Ingrid Irmer
Southern University of Science and Technology, China
Ciprian Manolescu
Stanford University, USA
Garoufalidis Stavros
SUSTech International Center for Mathematics, China

BRAINSTORM LEADERS:

Vu Huynh
VNU-HCM University of Science, Vietnam
Dionne Ibarra
Monash University, Australia
Andrew Kricker
Nanyang Technological University, Singapore
Thang Tu-Quoc Le,
Georgia Institute of Technology, USA
Hanh Vo
Arizona State University, USA



9 - 13 June 2025



Hanoi, Viet Nam



Deadline:
15 April 2025

DIRECTORS:

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ICTP SCIENTIFIC CONTACT:

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GRANTS:

A limited number of grants are available to support the attendance of selected participants to the summer school, with priority given to participants from developing countries.

TO SUBMIT YOUR APPLICATION:



Web: <https://indico.ictp.it/event/10840/>

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Female scientists are encouraged to apply.

