



The Southeast Asian Mathematical Society (SEAMS) and Its Activities

• Founded 1972 •



ABOUT SEAMS



MISSION

- To promote the advancement of mathematics in Southeast Asia.
- To foster exchanges and collaborations among mathematicians across Southeast Asia and the broader Asian community.



MEMBER SOCIETIES

SEAMS is composed of the mathematical societies of Cambodia, Hong Kong, Indonesia, Malaysia, Myanmar, the Philippines, Singapore, Thailand, and Vietnam.



BRIEF HISTORY

Founded in 1972 following a Southeast Asian tour by its founding president, Prof. Wong Yung Chow, SEAMS has advanced mathematics education and research across the region. With early support from UNESCO and later from other agencies, it has organized numerous conferences and workshops in pursuit of this mission. SEAMS has also played a key role in establishing national mathematical societies throughout Southeast Asia.

SEAMS SCHOOLS

Aimed at advanced undergraduates and master's students: bridge between standard curriculum and research

There were two SEAMS Schools in 2024 and three in 2025. Three Schools have been approved for 2026. All SEAMS Schools were supported by CIMPA, and in many instances, also by IMU-CDC.

School Title	Dates	Location
Derivations of Rings and Modules with Applications	Jul 1-9-2024	Diponegoro University, Semarang, Indonesia
Selected topics in Arithmetic Algebraic Geometry	Oct. 28-Nov 8, 2024	Vietnam Academy of Science and Technology Hanoi, Vietnam
Theoretical and Computational Tools for the Data-Enabled Sciences	Jul 14-22, 2025	University of the Philippines Los Baños Laguna, Philippines
Stochastic Processes: Theory and Applications	Aug 13-20, 2025	Institut Teknologi Sumatera, Lampung, Indonesia
Inverse Problems and Optimal Control	Dec 3-11, 2025	University of the Philippines Baguio Benguet, Philippines
Applying mathematics to real-world problems	Feb 4-13, 2026	Vietnam Institute for Advanced Study in Mathematics Hanoi, Vietnam



Tools for Data-Enabled Sciences
UPLB, Philippines (Jul 2025)



Stochastic Processes
ITERA, Indonesia (Aug 2025)



Inverse Problems & Optimal Control
UP Baguio, Philippines (Dec 2025)



Derivations on Rings and Modules
UNDIP, Indonesia (Jul 2024)

ASIAN MATHEMATICAL CONFERENCE

- The AMC is held once every 4-5 years since 1990.
- Past AMCS: Hong Kong (1990), Thailand (1995), Philippines (2000), Singapore (2005), Malaysia (2009), South Korea (2013), Indonesia (2016)
- At AMC 2013, it was decided that AMC will be held midway between two ICMs.
- Due to COVID, AMC 2020 (Vietnam) was canceled; instead, SEAMS Forums were held at VIASM in 2023 and 2024.
- The last AMC was held in Thailand in 2025.

PHOTOS FROM AMC 2025



Group Photo



Plenary talk

Cultural presentation



Organizers

GATHERINGS OF SE ASIAN WOMEN MATHEMATICIANS

SEAMS supports and promotes the network of women mathematicians in Southeast Asia.

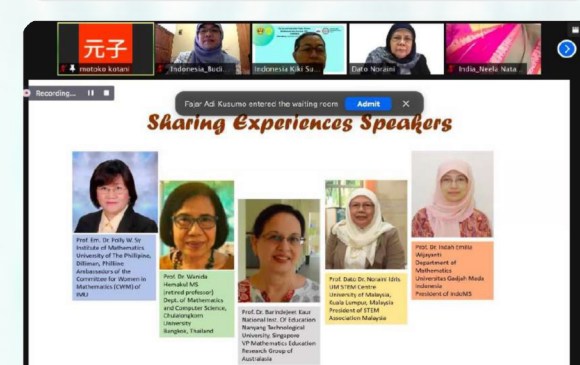
2016 Preliminary meeting of SEA women mathematicians held during the AMC in Bali, Indonesia

2019 The First SEAWM Meeting was held in Yogyakarta during the SEAMS-UGM Conference

2021 The Second SEAWM Meeting was held online on 10 Jul 2021

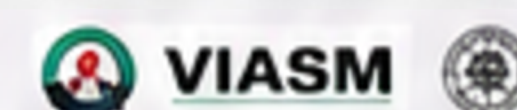
2023 The Third SEAWM Meeting was held in Yogyakarta, Indonesia.

2025 Retreat for Women in Applied Mathematics - Southeast Asia held in VIASM, Hanoi, Vietnam



SEAMS FORUMS

In lieu of the AMC, two SEAMS Forums were organized in Hanoi to promote collaboration and discussion on cutting-edge topics.



SEAMS FORUM UNDERGRADUATE MATHEMATICS CURRICULUM REFORM IN THE ERA OF BIG DATA AND ARTIFICIAL INTELLIGENCE

Time: November 06-08, 2024
Venue: Vietnam Institute for Advanced Study in Mathematics, Hanoi

Objective

SEAMS (Southeast Asia Mathematical Society) was established in 1972 and consists of nine mathematical societies: Cambodia, Hong Kong, Indonesia, Malaysia, Myanmar, the Philippines, Thailand, Singapore, and Vietnam.

The SEAMS Forum aims to continue promoting the advancement of mathematics and facilitating exchange and collaboration between mathematicians in the Southeast Asian region and Asia in general. It is composed of member mathematical societies in Southeast Asia.

The 2024 Southeast Asia Mathematical Society meeting will examine and discuss each country's approach to higher/undergraduate mathematics curricula across Southeast Asia, covering first they align with the evolving demands of big data analysis and artificial intelligence applications while maintaining a strong foundation in mathematical theory and problem-solving skills.

Organizing Institutions

- Vietnam Mathematical Society (VMS)
- Southeast Asian Mathematical Society (SEAMS)
- Vietnam Institute for Advanced Study in Mathematics (VIASM)

Organizing Committee

- Trinh Thi Thuy Giang, VIASM, Chair
- Doan Trung Cuong, Institute of Mathematics, VAST, Co-chair

Program Committee

- Vu Hoang Linh, VNU University of Science, Hanoi, Chair
- Imran Mahmud, Mahidol University
- Wonmoi Tdetusa, Co-chair
- Le Minh Ha, VIASM, Co-chair



SCAN TO REGISTER
Deadline for registration:
October 15, 2024

FUTURE DIRECTIONS (2026-27 AND BEYOND)



SEAMS SCHOOLS

Continue to organize high-quality schools across Southeast Asia.

Upcoming Schools

- Workshop on Bifurcation Theory and Perturbation Method for Differential Equations in Surabaya, Indonesia (Jul 27 - Aug 8, 2026)
- Analysis and Probability in Yogyakarta, Indonesia (Aug 5-13, 2026)
- Graph Theory and Related Fields in Quezon City, Philippines (Nov 9-18, 2026)



GATHERING OF SEA WOMEN MATHEMATICIANS

Continue to expand the network of women mathematicians in the region through meetings, workshops, and mentorship.

Up Next:

Retreat / Meeting for Women in Applied Mathematics - Southeast Asia (planned for 2028)



AMC 2028

The next Asian Mathematical Conference will be held in the Philippines in 2028. The venue is yet to be finalized.



(provisional logo made using ChatGPT)



OTHER INITIATIVES

- Specialized workshops aimed at PhD students and postdocs
- Database of researchers and their specializations to facilitate networking and collaborations

