

2025

NCTS Interdisciplinary  
Two-Day Workshop:

# Mathematical Models Inspired by Biology

Date

2025/11/26-27

Venue

R515 Cosmology Bldg.,  
NTU

## Aim & Scope

The workshop aims to promote interdisciplinary collaboration among mathematicians and biologists, fostering the exchange of ideas across theory, modeling, and real-world biological applications. By exploring mathematical models inspired by biological phenomena, the event seeks to stimulate innovative perspectives on complex living systems. The program will encompass a broad range of themes in mathematical biology, including invasion ecology, disease dynamics, pattern formation, and related areas.

## Invited Speakers

**Khagendra Adhikari**

Chang Gung University

**Shyan-Shiou Chen**

National Taiwan Normal University

**Yu-Yun Chen**

National Dong Hwa University

**Ryo Ito\***

Kanagawa University

**Hirofumi Izuhara**

University of Miyazaki

**Min-Jhe Lu**

National Tsing Hua University

**Harunori Monobe**

Osaka Metropolitan University

**Zhisheng Shuai\***

University of Central Florida

**Tsubasa Sukekawa\***

Kyoto University

**Xueying Wang**

Washington State University

\*Online Speaker

## Organizers

**Chang-Yuan Cheng**

National Kaohsiung Normal University

**Hirofumi Izuhara**

University of Miyazaki

**Harunori Monobe**

Osaka Metropolitan University

**Feng-Bin Wang**

Chang Gung University

**Chang-Hong Wu**

National Yang Ming Chiao Tung University

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Event QR-Code