

The 10th International Symposium on Swarm Behavior and Bio-Inspired Robotics

SWARM 2027 • 8–10 October 2027 • VISTEC, Rayong, Thailand



Scope

Living organisms that survive natural selection have adaptive skills and intelligent behavior — a swarm can perform complex functions that its component individuals cannot possibly accomplish alone. SWARM 2027 aims to build a bridge between biologists and engineers interested in the intelligence of living things, integrating biology and engineering into one field. We welcome contributions on all aspects of **swarm behavior, collective intelligence, and bio-inspired robotics**.

Related Topics

Biology: Social insect, Evolution cooperation, Ethology, Social physiology, Adaptation, Self-organization, Sociometry, Phase polyphenism, Quorum sensing

Engineering: Swarm intelligence, Swarm robotics, Biomimetics, Bio-inspired robotics, Multi-agent system, Walking robots, Modular robotics, Decentralized control, Distributed system

Venue

Vidyasirimedhi Institute of Science and Technology (VISTEC)

555 Moo 1 Payupnai, Wangchan, Rayong 21210, Thailand

Set on a lakeside campus in the Wangchan Valley, Rayong.



Important Dates

21 Mar 2027	Initial Paper Submission Deadline
20 May 2027	Notification of Paper Acceptance
5 Jun 2027	Late-Breaking Abstract Submission
20 Jun 2027	Abstract Acceptance Notification
5 Jul 2027	Camera-Ready Papers & Author Registration
10 Jul 2027	Early Bird Registration Deadline
8–10 Oct 2027	SWARM 2027 Symposium

Submission

Full paper, short paper, or abstract — see full submission guidelines and topics of interest at the conference website.



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Committee

General Co-Chairs

Poramate Manoonpong (*VISTEC, Thailand*)

Fumitoshi Matsuno (*Osaka Institute of Technology, Japan*)

Vice-General Co-Chairs

Florentin Wörgötter (*Georg-August-Universität Göttingen, Germany*)

Marco Dorigo (*Université Libre de Bruxelles, Belgium*)

Shigeto Dobata (*University of Tokyo, Japan*)

Program Co-Chairs

Saravana Prashanth Murali Babu (*Univ. of Southern Denmark, Denmark*)

Shinya Aoi (*Osaka University, Japan*)

Yuichi Ambe (*Hiroshima University, Japan*)

Tomas Kulvicius (*Univ. Medical School, Göttingen, Germany*)

Workshop / Organized Session Co-Chairs

Dai Owaki (*Tohoku University, Japan*)

Sutthiphong Srigrarom (*NUS, Singapore*)

Shunsuke Shigaki (*NII, Japan*)

Kotaro Yasui (*Tohoku University, Japan*)