# 2025 NecSys: Call for Papers

June 2-5, 2025, Clearwater Bay Campus, HKUST, Hong Kong (https://necsys25.org)





### **Organizing Committee**

**General Chair Fumin Zhang** Hong Kong University of Science and Technology eefumin@ust.hk

#### **General Co-Chairs** Jie Chen City University of Hong Kong

jichen@cityu.edu.hk

Li Qiu Hong Kong University of Science and Technology eeqiu@ust.hk

#### **Program Co-Chairs**

**Xudong Chen** Washington University in St. Louis cxudong@wustl.edu

Tsinghua University vlmo@tsinghua.edu.cn

## **Publication Chair** Menaxue Hou University of Notre Dame

mhou@nd.edu

#### **Registration Chair**

Wencen Wu San Jose State University wencen.wu@sjsu.edu

**IFAC Young Author Award** Coordinator Ningshi Yao George Mason University nvao4@amu.edu

The 10th IFAC Conference on Networked Systems (NecSys 25) is organized by the Hong Kong University of Science and Technology (HKUST). The conference will take place at Clearwater Bay Campus, HKUST, Hong Kong from June 2 to 5, 2025.

The conference will focus on innovative mathematical tools and advanced engineering methods for analysis, control, and design of networked systems. The aim of this conference is to bring together researchers from control theory, game theory, communication, network science, computer science, social science, statistics, mathematics and other areas to discuss relevant topics in networked systems.

The 2025 NecSys technical program will comprise several types of presentations in regular sessions (plenary presentations and oral spotlight presentations), poster sessions, and workshops (including tutorial sessions). Submissions are encouraged in all areas of the theory and practice of networked systems.

Contributed Papers: NecSys papers are invited in the form of regular manuscripts (4–6 pages). Selected papers will be presented as talks in the oral spotlight presentations, and the other accepted papers will be presented in the poster sessions.

Extended Abstracts: Extended abstracts (up to 4 pages) will not be published on IFAC-PapersOnLine. They are meant for dissemination of breaking results and the authors' recent work (e.g., recent journal publications/submissions) within the scope of the NecSys conference. Extended abstracts related to other peer-reviewed conference publications (previously published, accepted for publication, or submitted in parallel) will not be accepted. Extended abstracts will be presented in the post sessions.

Workshop Proposals: Workshops to be held prior to the conference are solicited on all related topics. Proposals (up to 2 pages) for workshops addressing novel control methodologies and nonstandard control applications, as well as workshops with strong tutorial value are encouraged. Workshops will be single track. Each workshop should last for 2 hours and can comprise 3-4 talks. Organizers of accepted in-person workshops will be given the option to present an online version of their workshop in advance of the in-person presentations.

IFAC Young Author Award: This award recognizes excellence in a paper whose first and presenting author is less than 30 years old at the time of the event. Only Contributed Papers are eligible for the award. More information and details can be found on the conference website (see Information for Authors).

Submission Guidelines: All submissions (contributed papers, extended abstracts, and workshop proposals) must be written in English, follow the IFAC conference format, and follow the IFAC Instructions for authors. The maximum number of pages (including figures) is limited to 6 for contributed papers, 4 for extended abstracts, and 2 for workshop proposals. The minimum number of pages for contributed papers is 4. All contributions must be submitted through the IFAC Conference Manuscript Management System website https://ifac.papercept.net/.

#### **KEY DATES**

**Submissions** Deadline: February 10, 2025 Acceptance/Rejection Notice: March 31, 2025

**Nomination for IFAC** Young Author Award: April 30, 2025

**Final Manuscript Submission Due:** April 30, 2025

(January 31, 2025)





