



2nd Call for Papers

World Congress 2026

August 23~28, Busan, Korea



Submission is now open!

Important deadlines

Sept 16, 2025

Open invited track/Invited session Proposal

Oct 26, 2025

Regular/Survey papers for Journal options

Nov 26, 2025

All Regular/Survey/Invited/Demonstration papers

Jan 31, 2026

Workshop/Tutorial proposal

Feb 28, 2026

Dissemination/Tutorial/Late-breaking/Discussion papers, Award nomination

New submission type: Journal option

Authors are invited to take advantage of this special opportunity to [have the paper considered for publication in one of the following IFAC journals in parallel with the Congress presentation.](#)

- Control Engineering Practice
- Engineering Applications in Artificial Intelligence
- Journal of Process Control
- Mechatronics
- Nonlinear Analysis: Hybrid Systems
- IFAC Journal of Systems and Control

Papers will benefit from an expedited review and, if accepted, will be published promptly before the end of the Congress. See the website for details.

Various ways to participate

- If you have a globally important research theme under active investigation, consider [organizing an Invited Session](#) or [proposing an Open Invited Track \(OIT\)](#). An Invited Session requires you to recruit six papers to form a session, whereas an OIT posts the theme on the website and lets anyone interested submit under it.
- For technical outcomes, submit a [regular paper \(with journal option\)](#) or [join an OIT](#); [survey papers](#) may be up to twice as long.
- To showcase a research/education-oriented device or innovative prototype, submit a [demonstration paper](#).
- For mature work with pedagogical value, organize a [tutorial session](#).
- If you know key contributors on a broadly interesting topic, set up a [pre-conference workshop](#).
- To disseminate a recent journal publication without writing a new paper, submit a [dissemination paper](#).
- A few [benchmark control problems](#) are posted on the website; a short paper solving one will be presented at the Congress and evaluated for a prize. You can also participate in [competitions](#) during the Congress, such as Mini-drone Challenge, RoboRacers, or Wearable Robot Competition.
- IFAC World Congress covers all topics related to control. See the Topics of Interest (QR code, page 2).



IFAC World Congress

The IFAC World Congress is the pinnacle of activities for a Technical Committee (TC) over an IFAC triennium. All TCs organize their own conferences during the first two years, and then in the third year, everyone gathers at the World Congress, which functions as a collection of several dozen conferences and provides opportunities to learn about exciting developments across other IFAC TCs. In the past, an IFAC World Congress has received over 4,700 paper submissions from 39 TCs. This makes the Congress highly prestigious and provides a unique experience for researchers around the world to attend.

Back-to-Basics Tutorial

The field of control engineering has seen remarkable progress over the past 60 years, driven by groundbreaking research and innovation. Along the way, pioneering experts have established the foundational principles that shape the field today. Now, it is time for the next generation to stand on the shoulders of these giants. Yet, it is not always easy to decide which shoulders to stand on—or how quickly one should climb up. This tutorial is designed to address that challenge. It takes the form of an overview, much like Chapter 1 of a monograph of specific topics.

Forums

We are organizing a diverse range of forums across three main categories: Korea Technology (K-Technology), IFAC committee-led sessions, and academic forums. If you have ideas related to control, robotics, or AI, we warmly invite you to reach out to us.

City of Busan

Busan, the second-largest city in Korea, is a beautiful destination located at the southern tip of the Korean Peninsula (approximately 2.5 hours away from Seoul by high-speed train or 50 minutes by plane). The city is known for its many public beaches, and these beaches are located just 2 km away from the Congress venue—BEXCO (Busan Exhibition and Convention Center). The Busan Cinema Center (the location for the Welcome Reception) and hotels are within one or two subway stops, or within walking distance.

Social Programs

Drone light show: This special show will be held right after the Welcome Reception at Busan Cinema Center (the venue for the annual Busan International Film Festival). 500 drones will light up the night sky over Busan, drawing key concepts and symbols from control theory, and showcasing the robots powered by these ideas.

Live recording of the podcast “inControl”:

The well-known control podcast inControl will be recorded live at the Congress. The episode will focus on the process of writing books, and legendary authors will appear and talk about their works. Come and see how an episode is recorded—and let your applause become part of the recording!

IFAC Control orchestra: First introduced at the 2020 World Congress, the performance of the IFAC Control Orchestra has become a tradition, featuring musicians who are all control engineers—except for the conductor. For the 2026 Congress, Prof. Yoonhak Baek, a celebrity in Korea, will be the conductor.

Gala dinner: The banquet will feature a live performance by a popular K-pop singer, turning the evening into a memorable dinner show. You might feel as if the banquet is a mini concert.

Learning Korean characters in 50 min:

When this session concludes, you will be able to write your name in Korean by yourself.



<https://ifac2026.org>



Organizing Team



Ways to Participate



Topics of Interest



Promotion Video



City of Busan