



**Berlin – Where Innovation Meets Science and Culture** Germany's capital is a vibrant cosmopolitan city, offering a wide range of cultural and touristic attractions. Berlin is a green city, with rivers and canals, and is particularly enjoyable in summer time. Berlin has a long tradition of science and innovation. It is the city where Alexander and Wilhelm von Humboldt, Max Planck, Gustav Hertz, Albert Einstein, and many others lived and worked. Berlin is among the most important and diverse regions of science within Europe. It has the largest concentration of universities and research institutes within Germany and a student population of about 200,000. IFAC 2020 will be held in the Estrel Hotel and Congress Center situated in the Neukölln district of Berlin, easily accessible by public transportation. Neukölln is a rapidly evolving lively neighborhood attractive for students and artists, with uncountable cultural and culinary attractions.

**Automatic Control – Meeting Societal Challenges** The 21st IFAC World Congress in Berlin focuses on current and future societal challenges such as mobility and transportation, health care and medicine, the delivery of sustainable resources and green energy, digitalization, Industry 4.0, and the dramatic changes in the working environment. The junction of artificial intelligence and control will be spotlighted. This is reflected in five topics days, where the standard conference program is complemented by special keynotes, tutorial sessions, outreach lectures, and exhibitions by industrial and technological leaders.

**Oral, Interactive, and Demonstrator Contributions:** Oral sessions consist of six contributions of 20 minutes. Contributions in interactive sessions will take place during two hour session slots. All contributions undergo the same review process and the decision on the format is not implied by the review outcome.

**Tutorials and Pre-Congress Workshops:** Both tutorials and workshops should inform participants about the state of the art in specific areas of interest to the IFAC community.

**Invited Sessions and Open Invited Tracks:** Invited sessions consist of six regular papers or one survey paper/four regular papers based on invitation by the organizers. Open invited tracks have no limit on the number of papers, organizers are expected to solicit contributions,

and the proposal is advertised on the IFAC 2020 website.

**Late Breaking Results:** Extended abstract contributions spotlight work in progress, application-oriented to industrial, economic or social fields, and cutting edge research from other scientific communities.

**Competitions:** Three competitions which are open for everybody to participate will take place at the IFAC World Congress. Participants will compete to solve specific challenges. Details can be found on the conference webpage.

**Industrial Afternoon and Come**

**Together:** Tuesday afternoon will focus on industrial aspects of control with special sessions and industrial showcases and a come together for participants from industry and academia.



**Program and Awards:**

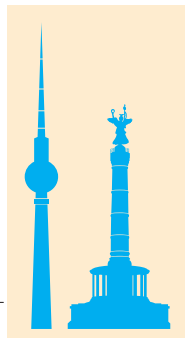
<https://www.ifac2020.org/program.html>

**Copyright Conditions:**

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**Congress Core Team**

Klaus Janschek	Coordinating Chair
Frank Allgöwer	IFAC President
Sandra Hirche	IPC Co-Chair
Rolf Findeisen	IPC Co-Chair
Ulrich Jumar	Industry Chair
Jörg Raisch	Local Arrangements Chair
Uwe D. Hanebeck	Publicity and Outreach Chair
Dagmar Dirzus	Finance Chair
Silke Nienhausen	Congress Officer



**Technical Areas**

- Systems and Signals
- Design Methods
- Computers, Cognition and Communication
- Mechatronics, Robotics and Components
- Manufacturing and Logistics Systems
- Process and Power Systems
- Transportation and Vehicle Systems
- Bio- and Ecological Systems
- Social Systems



**Key Dates**

31 Oct 2019 **Extended to 11 Nov 2019**  
Draft manuscript submission

28 Feb 2020 Late breaking results submission

