

AUTOMAATIOPÄIVÄT²⁴ 13.–14.4.2021

AUTOMATION, SUSTAINABILITY AND FUTURE – AUTOMAATIO, KESTÄVÄ KEHITYS JA TULEVAISUUS

AUTOMAATIO-
PÄIVÄT
13.–14.4.2021

 Sokos Hotel Torni, Tampere

CALL FOR PAPERS – ESITELMÄKUTSU

i **Automaatiopäivät²⁴** is the 24th automation conference of the Finnish Society of Automation. It is the society's most important conference in the fields of automation and digitalization of processes, factories and production as well as emerging applications in healthcare robotics and resilience in societies. The seminar program will contain presentations from both the industrial and the scientific worlds. The seminar will be a forum for networking between educational, research and business sectors.

The themes of the 24th automation conference are based around the environment, circular economy, sustainability, digitalization, applications of AI and continuous learning.

Topics covered will include:

- ▶ IoT, edge and cloud services
- ▶ Artificial intelligence
- ▶ Education
- ▶ Modeling and simulation
- ▶ Digital twins
- ▶ Environmental solutions
- ▶ Energy solutions
- ▶ Control and systems engineering
- ▶ Process automation and control
- ▶ Robotics, machine automation
- ▶ Human-centric automation
- ▶ Automation and robotics for healthcare
- ▶ Epidemiological models and resilience in societies

WRITING AND SUBMISSION INSTRUCTIONS

1 Industry papers and short papers, written in Finnish, Swedish or English, are welcomed presenting interesting case reports and experiences. Papers will be accepted based on an extended abstract.

2 Academic or scientific papers, written in English, will be accepted for presentation based on an extended abstract or full paper draft. The authors can opt to later submit the full paper for a special issue in the Open Engineering journal and publish only the extended abstract as part of the seminar proceedings. The special issue requires a separate submission and the review is separate following the practices of the journal.

Best papers will be awarded in three categories:

- 1) Scientific category: scientific papers, requiring submission to the journal special issue
- 2) Student category: papers where the main author must be enrolled as a doctoral or master's level student.
- 3) Best industrial presentation on **Automaatiopäivät²⁴**

Pitch presentations **NEW!**

Automaatiopäivät will host a new pitching event for interesting new openings and innovative ideas within the themes of the conference.

Demonstrations and company presentations

PUBLICATION

Industry papers will be published at the organizer's web site www.automaatioseura.fi

Accepted and revised scientific papers will be published as a proceedings publication in a special issue of the Open Engineering journal.

SPONSORS

Contact: office@automaatioseura.fi

SCHEDULE

- ▶ Title and preliminary abstracts and full scientific papers 25.10.2020
- ▶ Notification of acceptance 15.1.2021
- ▶ Final extended abstracts and revised scientific papers 14.2.2021
- ▶ Early bird registration 7.3.2021
- ▶ Registration ends 12.4.2021

Submission of all papers and abstracts is handled via EasyChair, www.automaatioseura.fi/automaatiopaivat24

Writing instructions:
www.automaatioseura.fi/automaatiopaivat24

Open Engineering journal:
www.degruyter.com/view/j/eng

FOR MORE INFORMATION

Organized by:
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Lämpimästi tervetuloa

Automaatiopäivät²⁴ –seminaariin!

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