

AUTOMATION DAYS 2027 CALL FOR PAPERS

Automation, Artificial Intelligence and Humans

20-21.4.2027 Marina Palace, TURKU

Automation Days 2027 is the Finnish Automation Society's most important seminar on automation and digitization. In 2027, special attention will be paid to artificial intelligence, and its impact on automation and humans. However, presentations are widely sought in all areas of automation. The seminar is a great networking platform between the education, research and business sectors.

AI is revolutionizing many fields, how about automation? In addition to the traditional presentations of the current and future professionals, there will be two keynote presentations:

Kari Angeria, CEO, Sinun Tekoäly Oy. Has together with Risto Linturin written the book *Meaning of life and AI: Stories from the edge of humanity*, ja kirjoittaa nyt kirjaa *Vedenjakajalla tekoälyn aiheuttamasta työn murroksesta*.

Jukka-Pekka Salmenkaita, Managing Director, Gridle | Elisa Indutriq. Before that VP, AI and special projects, at Elisa. Has developed Gridlen, an AI based tool for optimizing energy storage assets.

The panel discussion moderated by **Peter Ylén** will in addition to the abovementioned include **Mikko Heikkilä**, Beckhoff Automation, **Tommi Eklund**, Gofore, **Joonas Isoketo**, Siemens ja **Mika Karaila**, Valmet.

Automation **students** will be invited to tour the exhibition of companies **sponsoring** the event.

There are no parallel sessions this time, the majority of the presentations will be presented using a poster and a pitch presentation. The best poster will be awarded. The presentation/poster split will mainly be according to the guideline industry => presentation, scientific => poster.

Topics include:

- Artificial intelligence and machine learning
- Human-centered automation
- Energy solutions
- Autonomous systems
- Internet of Things (IoT), edge computing and cloud services
- Information security in automation
- Education and lifelong learning
- Control theory and systems engineering
- Modeling and simulation
- Digital Twins
- Environmental applications
- Energy solutions
- Process automation and control
- Robotics and machine automation
- Building automation

WRITING INSTRUCTIONS

MORE INFORMATION:

Organized by: Suomen Automaatioseura ry – The Finnish Society of Automation
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1

Industrial papers and short papers which can be written in Finnish, Swedish or English and which are accepted on the basis of an extended abstract. Interesting case reports are also welcome!

2

Scientific articles in English, accepted for submission on the basis of an extended abstract. The authors will later submit an article to a special issue of Open Engineering and an extended abstract will be published as part of a conference publication. The submission and evaluation of a journal article will be carried out in accordance with the journal's policies.

EVENT LANGUAGE

Keynote presentations are in English

The other presentations will be fully in English, some in mixed languages and some in Finnish. Most of the presentation will be posters, that will be in English.

SCHEDULE

Title and abstract: December 14th, 2026

Approval notice: March 1st, 2027

Final papers, extended abstracts, and scientific articles: April 5th, 2027

PUBLICATION

Industry papers and posters will be published online at automaatioseura.fi/julkaisut

Peer reviewed journal papers will be published in special issues of the Open Engineering journal.

SUBMISSION

Submission of all papers and abstracts is handled via EasyChair: link TBA

All accepted scientific presentations will be invited to a special issue of Open Engineering.

WRITING INSTRUCTIONS AND TEMPLATES

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Warmly welcome to the Automation Days 2027!

General chair **Jari Böling**,

University of Turku (jari.boling@utu.fi)



FINNISH SOCIETY OF AUTOMATION
SUOMEN AUTOMAATIOSEURA RY

CALL FOR EXHIBITION / REGISTRATION / INFO:

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