

CALL FOR PAPERS

INTERNATIONAL CONTROL SYSTEMS CONFERENCE

9 – 12 APRIL 2024

Venue: Helsinki Expo and Convention Centre

The International Control Systems conference is held every two years and is one of the leading conferences in the area of process measurement and control and systems engineering for the pulp and paper industry.

In 2024 the conference will be concurrent at the Pulp & Beyond 2024 event at Helsinki Expo and Convention Center in Finland.

The conference attracts presenters and attendees from all major pulp and paper producing countries, so this will be your best opportunity to network with experts from all around the world.

Topics:

- Measurement and control of relevant industrial processes
- Novel on-line sensors and sensing techniques
- Methods and tools for improving energy efficiency
- Process and control performance assessment
- Operator decision support and augmentation systems
- Production management and optimization
- Applications related to wood yard systems and logistics
- Process data analysis
- Modelling and simulation
- Measurement and control in biorefinery and bioenergy processes
- Applications of soft sensors and multivariate statistics in process control
- Novel applications of AI in pulp and paper industry
- Applications and use cases with fast ROI for new 5G local networks
- Applications of 5G networks for millwide monitoring and control
- New functions being facilitated by current and future local 5G mill networks
- Implementation of wireless sensors (IOT) in a mill environment (e.g. DCS/PLC connection, communication protocols, standards)
- Mobility regarding control systems access i.e. control systems in your pocket

We will consider technically sound papers on any topic concerning pulp and paper control systems and related subjects that can potentially benefit pulp and paper producers, with a specific focus on experiences from real mill implementations.

Important dates:

- Authors interested in presenting a paper at the conference should submit an abstract by mail to info@puunjalostusinsinoorit.fi by **15 October 2023**
- Notification of acceptance will be distributed **15 November 2023**
- Full text manuscript or extended executive summary must be provided by **15 February 2024**

The submitted abstract should briefly describe the objectives, results and conclusions on maximum 2 pages. If you have any questions, please e-mail info@puunjalostusinsinoorit.fi.

International Program Committee and hosting organization:

The final scientific content, invited lectures, panels, and sessions for the conference will be developed with the assistance of the International Program Committee consisting of professionals from Canada, Finland, Sweden, and USA among other countries.

The organizers include the leading technical associations within the North American and Nordic pulp and paper industries, namely TAPPI, PAPTAC, SPCI, PTF and PI. The hosting organization of Control Systems Conference 2024 is Finnish Forest Products Engineers' Association (PI) with the venue of Helsinki Expo and Convention Centre.

Control Systems event:

- April 9th – Control Systems Conference and PI 110 Years Cocktails / Welcome Reception
- April 10th – Pulp & Beyond event and Conference Dinner
- April 11th – Pulp & Beyond event and departure for excursions
- April 12th – Excursions in Central Finland and return back to Helsinki

On behalf of the International Organizing Committee:

Antti Lindqvist
Managing Director
Finnish Forest Products Engineers' Association

