Call for Participation - WS03
Advancing Industrial Automation
Best Practices & Innovations with IEC 61499

Organizers and Chairs
Alois Zoitl – Johannes Kepler University Linz, Austria
Valeriy Vyatkin - Luleå University of Technology & Aalto University, Sweden & Finland
Franco Cavadini - Gr3n, Switzerland
Inna Arkhipova - UniversalAutomation.org, Belgium

FOCUS

IEC 61499 is gaining significant traction in the industry, with organizations like UniversalAutomation.org, Eclipse 4diac™, along with various industrial and academic entities, actively expanding the content and driving discussions around this standard. Building on the success of the 2024 workshop in Padova, we aim to delve deeper into this topic and engage more industry professionals to share their use cases and best practices.

Our goal is to foster interaction between academia and industry, enhancing knowledge exchange on IEC 61499. This workshop will be pivotal in advancing collaboration in this field.

TOPICS

❖ Use of IEC 61499 in OPAF applications

❖ Proposal of Engineering Methodology of IEC 61499 Program

❖ Collaborative Commissioning

❖ Industrial Use Cases

❖ Eclipse 4diac™: open-source infrastructure for Research, technology evaluation and standard development

Workshop Presenters

Bianca Wiesmayr, Johannes Kepler University Linz

Hilmo Dzafic, Schneider Electric

Mauro Mazzolini, J&W

Mikhail Kolesnikov, Aalto University

Oscal Miguel Escrig, University of Jaume I

Pascal Pesendorfer, Schneider Electric

Pranay JhunJhunwala, Aalto University

Renato Pacheco Silva, Aimirim

❖ **AIM** The workshop aims to support participants in advancing their understanding and application of IEC 61499, showcasing its applications, methodologies, and future trends through expert-led sessions and interactive discussions. By providing a comprehensive and in-depth exploration of IEC 61499, the workshop seeks to empower participants to take the next step in their automation projects, driving innovation and efficiency in their respective fields.

❖ **WORKSHOP FORMAT**
Full day Workshop, based on invited presentations.
This workshop will include presentations with 5 speakers from academic and 5 speakers from the industry. The day will be divided in modules with presentations of 25 to 30 minutes including the time for questions and answers.
For any detail regarding registration to the Workshop, please refer to the ETFA 2025 website.