



IEC-61499 Industrial Workshop

24 September 2019, Lomazzo
[Como NExT Innovation Hub](#) | [Via Cavour 2](#)

Creating a European ecosystem for distributed automation based on IEC-61499 interoperability

Program

08:30 – 09:00 Registration

Welcome and opening

- 09:00 – 09:30
- Franco A. Cavadini, Chief Technical Officer, [Synesis](#), Italy
 - Stefano Soliano, General Director, [ComoNExT Innovation Hub](#), Italy

09:30 – 10:15 “The role and potentialities of IEC-61499 in Industry 4.0”

- “Positioning of IEC-61499 within the industrial automation landscape”, Fabrice Jadot, Next Gen Automation SVP, [Schneider-Electric](#), Austria
- “IEC-61499 for the future of distributed intelligence in factories”, Franco A. Cavadini, CTO, [Synesis](#), Italy
- “The importance of being an international standard”, Alois Zoitl, Head of LIT Cyber-physical Systems for Engineering and Production Lab, [Johannes Kepler Universität Linz](#), Austria

10:15 – 11:00 “A wide scope of IEC-61499’s applications implemented within an industrial demonstrator”

- Overview of Daedalus’ IEC-61499 Industrial Demonstrator
- Technical focus on:
 - The flexibility and interoperability of IEC-61499 across several heterogeneous devices
 - The “CPS-izer”: a smart gateway to ease integration of legacy systems
 - Virtual commissioning at the hands of the control engineer
 - Complementarity with other Industry 4.0 protocols and technologies
 - Extending real-time automation in the “Fog Computing” domain

11:00 – 11:30 Visit to the Demonstrator and live demo

11:30 – 12:30 Creating an IEC-61499 “Technology Group”: moderated discussion

12:30 – 14:00 Networking lunch

Credits



- The Daedalus initiative and the creation of its Industry 4.0 demonstrator are the result of a long path of research and innovation, coordinated by Synesis and supported by the European Commission. This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No 723248.
- The Industry 4.0 Demonstrator is a joint effort with the ComoNEXt Innovation Hub, within the context of the "Fabbrica Diffusa" Initiative. This has been possible thanks to the support of many relevant automation companies:

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