

CONTROL^{IN}STEEL

Deliverable 4.1: Schedule of Dissemination Events

Preliminary Version: 2022-02-26
This deliverable will be updated.



1. Project summary

The project ControlInSteel is a dissemination activity. Focus of the dissemination are advanced control and automation concepts in the downstream process chain of the European steel production.

Today, knowledge engineering is a mature tool for analyzing problem solutions paths chosen by research projects as functions of impact, effort and problems. In ControlInSteel, controlled vocabularies will be developed, extended to taxonomies and ontologies to describe the interplay between chosen method, targeted problem and impact. Outcome of the project will be a systematic analysis which methods have been the most effective ones for reaching the desired impact.

At the center of any dissemination project is the distribution of results. On the one hand by discussing the results found by the ControlInSteel evaluation. On the other hand, by broadening the knowledge about those former project results that are evaluated by the project.

ControlInSteel started within the global COVID-19 crisis. The projects initial plan to conduct face-to-face workshops for the dissemination was slightly changed towards digital workshops and on-demand course material. The project team believes, that with this approach, the dissemination work will be even more reusable for the future.

2. Dissemination Schedule of Webinars and Workshops

2022-05-16	<p>Eurosteelmater ESTEP digital event</p> <ul style="list-style-type: none"> • Marcus J. Neuer <i>ControlInSteel - Rigorous semantic analysis of steels most influential automation projects of the last decades</i> <p>Ca. 3 further talks, to be announced</p>
<p>2022-05-25, 14:00</p> <p>2h event</p>	<p>Webinar 1: Advanced Control Solutions for Sustainability</p> <ul style="list-style-type: none"> • Stefano Dettori <i>Controlling complex flows in networks</i> • Marcus J. Neuer <i>Roads towards increased sustainability following the barrier analysis and impact mapping of former RFCS projects</i> • Davide Ressegotti, Francesca Marchiori <i>Advanced control solutions for Resources Management</i>
<p>01.06.2022 14:00</p> <p>2h digital event</p>	<p>Webinar 2: Distributed, autonomous control solutions</p> <ul style="list-style-type: none"> • Andreas Wolff <i>On the mathematical foundation of distributed, autonomous control</i> • Marcus J. Neuer, Moritz Loos, Detlef Sonnenschein <i>Agent technology for distributed control of process chains</i> • Filippo Avellino, Francesca Marchiori <i>Quality as driver for Integrated Intelligent Manufacturing</i>

26.06.2022	Webinar 3: AI in Control? – perspectives of new automation paradigms <ul style="list-style-type: none">• Norbert Holzknrecht How data drives innovation in European research projects• Raffaella Grieco, Alessio Ventura AI and Big Data in Control• Marcus Neuer, Is AI in control?
24.11.2022	IFAC Workshop on Control of Complex Systems (COSY2022) To be announced.