

Reconfigurable Production in the era of industry 4.0

Industrial Workshop : focus on Collaborative Networks 4.0

Nov 23 | 8:30 a.m. - 17 p.m. | Online & Physical

Following the last year edition and its success, IMT & TUM organise a new industrial workshop supported by **German-French academy for the industry of the future**. Academic and industrial speakers engaged in industrial engineering have been invited to participate in the seminar and to explore this year's topic around **collaborative networks 4.0** and their implication in **social and environmental** global terms. During the day, we will :

- Put forth **collaborative challenges** for industrial research
- Provide evidence of various **forms of collaborative research**
- Discuss issues related to **industry of the future** and **reconfigurable production systems**

It is our goal to provide a platform for interdisciplinary exchange and to create a basis for further industrial innovation programs and research collaborations.

We encourage you to join us on Tuesday, November 23 at 8:30 a.m. CET to hear more about this hot topic and to engage in fruitful discussions.

Preliminary Agenda

8H30 Workshop Session 1 : Simulation for order picking, circular economy, integrated production systems

10H30 Break

11H00 Industrial Keynote

Architecting can orient for smart and sustainable system solutions

Jean Luc Garnier, Thales Group - Director for Systems Engineering and Architecting Director for Thales Technical Directorate, President of the French Chapter of INCOSE

12H00 Lunch

13H30 Workshop Session 2: Co-innovation, sustainable collaboration, value extending in production systems

15H30 Break

16H00 Panel Session - ROUND TABLE

Crossed Views : new collaboration forms among academics and industrials to pave the road for boosting a more sustainable industry.

Panelists from TUM / IMT / Socolnet, and industrial experts from **TetraPak, ELM Leblanc (Bosch Group France) & Thales group**.

17h30 Closing session

(Please, take also an additional ticket for the gala diner and keep networking with us !)

Contact Persons

Germany, Lisa Heuß
lisa.heuss@iwb.tum.de

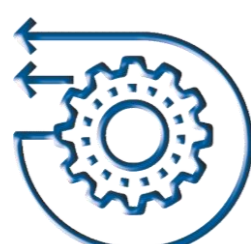
France, Damien Lamy
damien.lamy@emse.fr

Registration & fees

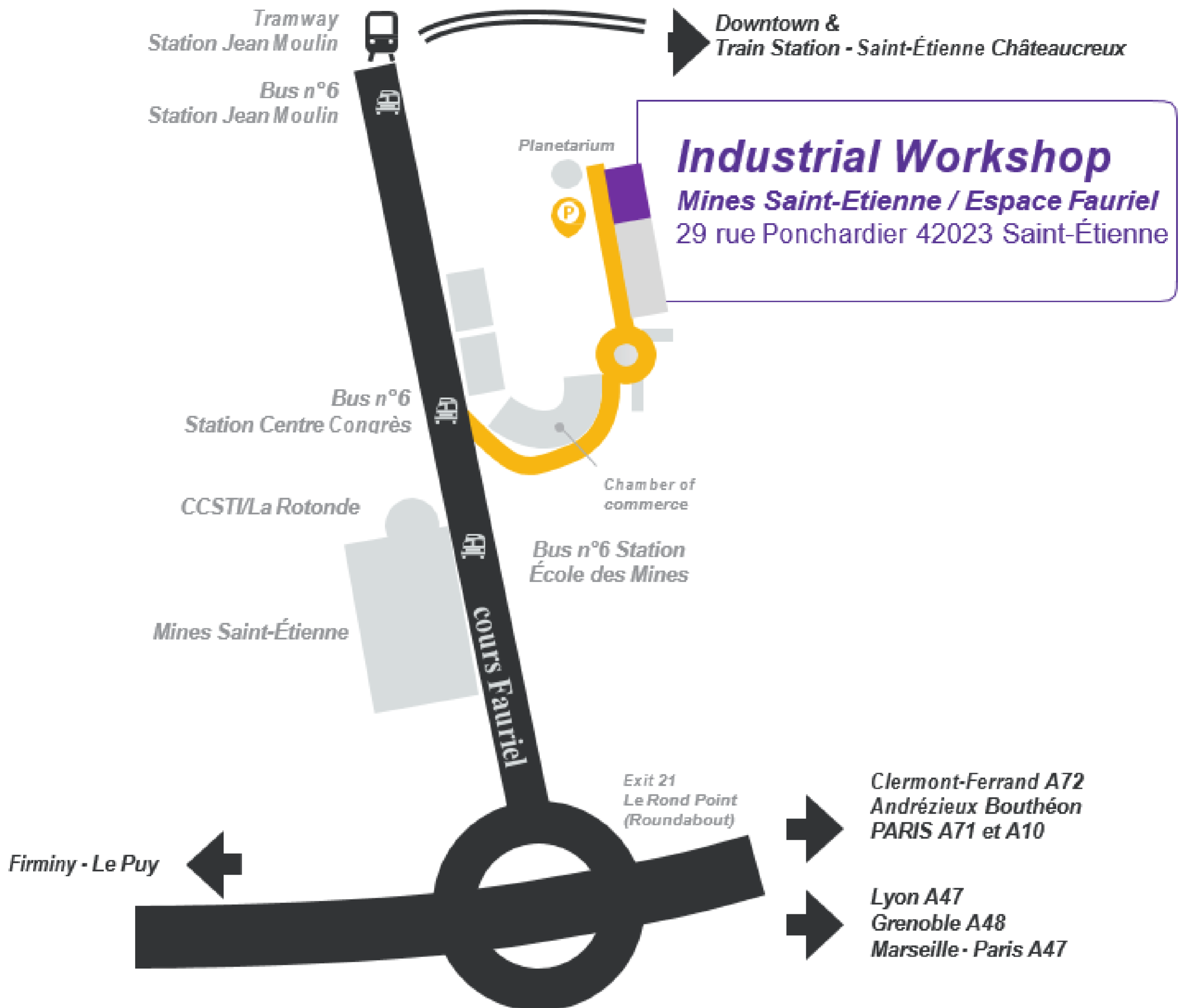
<https://pro-ve-2021.sciencesconf.org/registration>

Online Mode

[Zoom link to be defined](#)



Organizing your venue:



Fees (<https://pro-ve-2021.sciencesconf.org/registration>)

- Physical - IFIP/SOCOLNET Members : 200€
- Physical - Not IFIP/SOCOLNET Members : 240€
- Online - IFIP/SOCOLNET Members : 80€
- Online - Not IFIP/SOCOLNET Members : 100€
- Optional - Banquet Ticket : 70€

This year edition of the industrial workshop is organized in parallel with the Pro-VE 2021 conference on Smart and Sustainable Collaborative Networks 4.0.

In recent years, PRO-VE Conferences have introduced the notion of Collaborative networks 4.0 (CN4.0) as the new generation of collaborative networks, in the era of applied Artificial Intelligence and Digital Transformation. Meanwhile since last year, the world has encountered major health and economic crises caused by the Corona pandemic, emphasizing that disruptive situations, at different scales, tend to be increasingly frequent, while having strong impact in the society. Smart and digital technologies supporting agility, scalability, resilience, and adaptability, characterize CN 4.0. These properties have become critical features for most sectors of our modern societies, including manufacturing industry and services sectors. CN 4.0 can contribute to building a more resilient and sustainable world.