

INTERNATIONAL WORKSHOP IN NANCY



ORION
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«Digitalization of enterprises and organizations»

JUNE, 1ST TO 3RD 2026



PROGRAM FULLY TAUGHT IN ENGLISH.

FREE FOR PHD AND MASTER STUDENTS FROM UNIVERSITÉ DE LORRAINE.

PLACES LIMITED TO 40 PARTICIPANTS, SELECTED ON THE BASIS OF AN APPLICATION.

REGISTRATION COMPULSORY: DAVY.MONTICOLO@UNIV-LORRAINE.FR

REGISTRATION DEADLINE: APRIL 30

Training workshop for participants from Université de Lorraine and from the networks of IUR, Eureca-Pro and UniGR. Designed and run by ENSGSI and ERPI Laboratory - Université de Lorraine.

Animated by Davy Monticolo, Manon Enjolras and Alaa Hassan.

OBJECTIVES

This course is structured as an intercultural challenge of 3 days, all students will collaborate to explore and experiment with the digital transformation of companies. Working in multidisciplinary teams, participants will design solutions and action plans to support the transition of a traditional SME into a fully digitalized company.

WORKSHOP HIGHLIGHTS

- Interdisciplinary and multicultural collaboration in 10 mixed teams
- Taught by 3 French researchers specialized in Innovation & Digital, with the support of 2 Moroccan researchers
- Focused on Innovation and Industry 4.0 based on a concrete business case
- Final presentations evaluated by a jury of industrial experts and professionals
- Academic recognition / 2 ECTS credits

SKILLS AND ABILITIES TARGETED ON COMPLETION OF THE COURSE

- Designing and developing a research and development, study and forecasting approach
- Making innovative contributions in the context of high-level exchanges and in international contexts;
- Implementing a research and development, study and forecasting approach
- Implementing research methods and tools in relation to innovation;
- Scientific and technological watch on an international scale
- Going beyond the frontiers of available data and knowledge by cross-referencing with different fields of knowledge or other professional sectors.

ORGANIZATION, LOGISTICS & COSTS

- **3-day training course that must be completed in their entirety**
- for students from the Eureca-Pro, UNIGR et UIR networks : accomodation and catering covered by the Orion programme (travel costs to be covered by the students' home university)
- for students from the Université de Lorraine : catering costs covered by the ORION programme, as well as travel and accomodation costs if justified.

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PROGRAMME OVERVIEW

DAY 1 : UNDERSTANDING & MODELING THE SME

- Team Building
- Discovering a traditional SME
- Modeling the SME's activities and processes

DAY 2 : INDUSTRY 4.0, TECHNOLOGIES & HUMAN IMPACT

- Industry 4.0 technological enhancements
- Organizational and human impacts
- Visit of a company

DAY 3 : TRANSFORMATION & FINAL PRESENTATIONS

- Reimagining the SME at the age of AI
- Final presentation of the SME 4.0
- Feedback with experts