



SPRING SEMESTER (M1.2/14.8)

LOGISTICS & INDUSTRY OF THE FUTURE

GRAND PARIS SUD CAMPUS

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Partners

Partner companies who deliver lectures/conferences or mentor case studies.

Stef / Iris Ohyama / Aurore solutions / Quantmetry / Futurmaster / et le CHSF (Hôpital d'Evry).

OBJECTIVES

- Company performance improvement
- Logistics & transport processes modelling and simulation
- Information systems and new technologies control in logistics & transport processes

PROGRAM

Lectures/Conferences

Conference series held by industry partner representatives:

- Logistics 4.0 & business Innovation
- Supply chain management
- Supplier relationship management
- International distribution
- Information systems & traceability
- Transport
- Artificial intelligence and IoT
- Robotics

Practicals and Case Studies

- Process flows simulation (FlexSim)
- Dashboarding, KPIs
- Robotics, AI and IoT
- Enterprise modelling

Typical Project(s)

- Logistics performance improvement (STEF company)
- Lean manufacturing and value stream mapping (MC21 company)
- Sustainable sourcing (Irish Ohyama company)
- Artificial intelligence for optimising stock (Hydro building système company)

Competencies

- High competencies in company industrial organization & logistics
- Digital transformation of companies (industry 4.0 and logistics 4.0)
- Company logistics & transport performance improvement
- High competencies in company information system modeling
- High competencies in "Industry of the future" concepts (RFID, Objets connectés, Blockchain,...)

Prerequisites

- Bachelor's Level - IT/computer science concepts
- Note that as lectures and case studies for industrial partners are mostly conducted in French, having a good level of French is recommended.*

Assessment

- Visit and course reports
- State of the art
- Case studies and practicals evaluation
- Project oral and written presentation