



SPRING SEMESTER (M1.2/14.8)

INDUSTRY OF THE FUTURE

MASS PRODUCTION

TOULOUSE CAMPUS

Mohamed ABADI

mohamed.abadi@icam.fr
+33 (0)5 34 50 50 27

Icam Toulouse campus

75 avenue de Grande Bretagne
31300 Toulouse - France

OBJECTIVES

Tackling the production challenges faced by companies:

- Packaging
- Production lines and Robotics
- Warehousing and Mass Logistics

PROGRAM

Lectures/Conferences

Conference series on mass production held by industry partner representatives:

- Understanding organizations, methodologies & approaches
- Industry insights: experiences, problem situations
- Company visits

Large-scale robotics processes

- Implementation of a robotic cell and an industrial machine-vision system

Warehousing and mass logistics

- International logistics: maritime transport
- Warehousing: management of warehousing challenges

Typical Major Project(s)

- Conduct a process-optimization project for a company

Competencies

- Understanding the challenges of the sector, awareness of the production and mass logistics

Prerequisites

Note that as lectures and case studies for industrial partners are mostly conducted in French, having a good level of French is recommended.

Assessment

- Regular progress reports and consultation
- Technical report
- Project oral and written presentation

Partners

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

Universität Rostock / Natais / Corteva