



FACTORY FUTURES

- **Project-based learning**
- **International**
- **In English**
- **Cross-disciplinary**
- **End-to-end**
- **Industry driven**
- **Collaborative**
- **30 ECTS**

Factory Futures is a new international, collaborative, multidisciplinary, senior/capstone project involving social network to provide students with a real life experience of the advanced innovation practices which make future engineers more competitive.

From **SEPTEMBER 5th, 2016** to **JANUARY 13th, 2017**

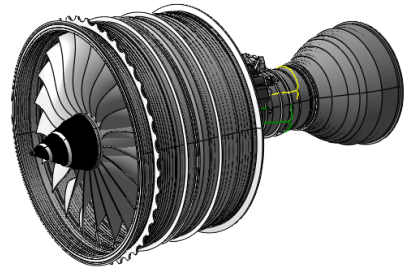
FACTORY FUTURES



THIS YEAR, WE WILL WORK AROUND A GLOBAL ISSUE: “THE INDUSTRY OF THE FUTURE”, AND THE PROJECT WILL BE FOCUSED ON THE AERONAUTICAL FIELD.

A WORLD'S FIRST: COLLABORATIVE LEARNING FOR LEARNING COLLABORATIVE ENGINEERING

Factory Futures brings students dispersed across the planet through a problem based learning experience that combines various disciplines, from mechanical, systems, industrial, aeronautical engineering to project management and communication sciences. Connected through cutting edge digital practices and tools, students build a true competence in working across distance, cultures and disciplines.



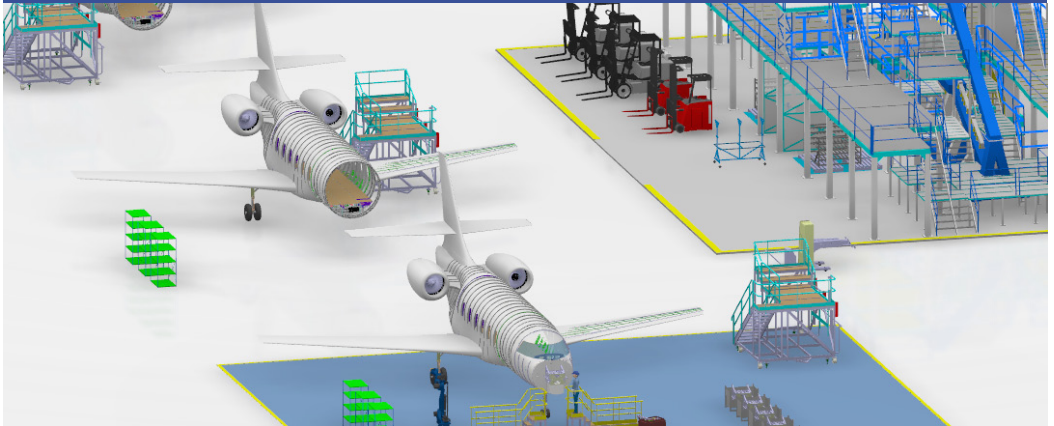
FACTORY FUTURES AT A GLANCE :

- Serves as capstone project, Master thesis or international internship.
- Real life professional methodologies
- An ideal opportunity for international exchange students
- Industry of the future in the aeronautical field
- Unique multidisciplinary engineering project
- Format successfully proven over four last years.
- Includes weekly online meeting
- Credits : 30 ECTS



ACTIVITIES

- Collaborative mechanical design
- Additive manufacturing using robots
- Cobotics
- Ergonomics and maintenance
- Manufacturing and machining (CNC)
- Process flow management
- Smart factory design
- Assistance and supervision by drones



How to JOIN US

SCENARIO 1 - FOR STUDENTS - REGISTRATION DEADLINE APRIL 20TH, 2016

Perform your internship or capstone project at ENIM, as part of our exchange programs or as ERASMUS program (30 credits ECTS).

SCENARIO 2 - FOR UNIVERSITIES - REGISTRATION DEADLINE MAY 11TH, 2016

Offer an internship for INP Lorraine or ENIM engineering students in your university to take part of the project or to assist a group of students in your university (Students will be supervised by teaching staff of both institutions).

SCENARIO 3 - FOR EDUCATORS - REGISTRATION DEADLINE JULY 15TH, 2016

Take part at the project with your students on-site at your university (as part of an academic project supervised by teaching staff from your university).
Registration fees = \$ 250 / student.

Based upon Dassault Systèmes state
of the art 3DEXPERIENCE Platform.



PREVIOUS PARTICIPANTS



UNIVERSIDAD
esan



UNIVERSIDAD NACIONAL
DEL LITORAL
SANTA FE, ARGENTINA

UNIVERSIDAD
EAFIT



UNIVERSITY
of
LIMERICK



ECOLE
POLYTECHNIQUE
PRIVEE D'AGADIR

南京工业大学
NANJING UNIVERSITY
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de Pereira



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Peninsula
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of Technology



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Universidad Jesuita



UNIVERSIDAD NACIONAL DE ROSARIO
CONJUNTO DE HOMBRES CIENTÍFICOS



eSSTIN
UNIVERSITY OF COCUMBA

LaSalle
Beauvais - Institut Polytechnique
Sciences de la Terre, du Vivant et de l'Environnement

INFORMATION AND REGISTRATION

factory-futures.univ-lorraine.fr

Contact

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