

International Week 2023

PRODUCTION MANAGEMENT. SIMULATION OF MANUFACTURING PLANTS

Blended Physical & virtual International Week
Monday 13th-Friday 17th MARCH 2023

Target audience: Students of Engineering

Registration fee: 220 € (accommodation included)

Deadline registration: 15 JANUARY 2023

www.ehu.eus/vitoria-gasteizko-ingeniaritza-eskola/international-week

Programme

 Online

 In person

Monday 6 March 2023 - Introduction to simulation cases (Online)

16:00 – 17:30 Industrial simulation: what, who, when, for what purpose, models.
(Dr. Aitor Ruiz de la Torre- University of Basque Country UPV/EHU)

In person

Monday 13 March 2023 Introduction to Simulation

09:00 – 09:30 Welcome
09:30 – 10:30 Methodology & Simulation practices (Case 1 & 2)
(Mr. Javier Fernandez - University of Basque Country UPV/EHU)
10:30 – 11:00 Coffee break
11:00 – 11:30 Introduction to the group work
11:30 – 13:00 Simulation practices (Case 3)
(Dr. Aitor Ruiz de la Torre- University of Basque Country UPV/EHU)
13:00 – 14:00 Lunch
15:30 – 17:00 Company Visit (**DHL Vitoria-Gasteiz airport**).

Tuesday 14 March 2023 Managing simulation and Virtual Reality

09:00 – 10:30 Lean Practice in the laboratory
(Mr. Javier Fernandez, Dr. Aitor Ruiz de la Torre - University of Basque Country UPV/EHU)
10:30 – 11:00 Coffee break
11:00 – 12:30 Virtual reality session
(Dr. Rosa Rio Belver- University of Basque Country UPV/EHU)
12:30 – 14:00 Lunch
14:00 – 19:00 Company Visit (**Bridgestone-Bilbao Plant**) and Social activity in Bilbao.

Wednesday 15 March 2023 Advance simulation

09:30 – 12:30 Company visit (**Mercedes Benz Vitoria-Gasteiz**)
12:30 – 14:00 Lunch
14:00 – 15:30 Human process modelling and ergonomics analysis with Siemens Process Simulate
(Dr. Luca Gualtieri- University of Bolzano-Unibz)
15:30 – 17:00 GIS module for Supply chain and logistics
(Dr. Aitor Ruiz de la Torre- University of Basque Country UPV/EHU)
17:00 – 19:00 Social activity

Thursday 16 March 2023 Good practices and successful cases

09:00 – 10:30 Successful practice and case part 1
(Mr. José Antonio Muiña-FlexSim Iberia, Spain)
10:30 – 11:00 Coffee break
11:00 – 12:30 Successful practice and case part 2
(Prof. Erwin Rauch, Dott. Chiara Nezzi- University of Bolzano-Unibz)
12:30 – 14:00 Lunch
14:00 – 16:00 Group work
16:00 – 17:30 Break
17:30 – 19:00 Social event: Visit to the cathedral of Vitoria-Gasteiz
19:00 – 20:30 Social activity

Friday 17 March 2023 Work group day

09:00 – 12:00 Group work and team's presentation for feedback
12:00 – 13:00 Award & closing ceremony

Monday 20 March 2023 – Feedback session (Online)

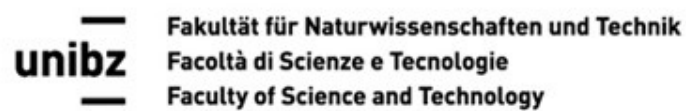
16:00 – 17:30 Conducting feedback with experts

Monday 27 March 2023 – Feedback session (Online)

16:00 – 17:30 Conducting feedback with experts

Friday 31 March 2023 Final date for the group work delivery

Collaborating institutions:



Ayuntamiento
de Vitoria-Gasteiz
Vitoria-Gasteizko
Udala



Collaborating companies:



Mercedes-Benz

FÁBRICA VITORIA