



University of Ljubljana



Universidad Rey Juan Carlos

Summer School C2: Design and Process Evaluation for ALM

This summer school “Design and Process Evaluation for ALM” will pilot the contents developed for intellectual outputs O4, O5 and O6 within APTIME project. Student’s feedback from each session will be an important input to improve the contents developed in the project.

- ✓ Module O4: Metals Based ALM Technology.
- ✓ Module O5: Polymer and 3D Printing Technology and Applications
- ✓ Module O6: Design and Simulation for ALM

Organization

Summer School C2 will include Face-to-Face lecturers and seminars over 1 week (5 working days) from 30th May to 3rd June 2022. If the international situation, due to the COVID 19 pandemic, will not permit travelling or Face-to-Face activities this Summer School will be delivered remotely.

PARTICIPANTS: 24 students (4 for each APTIME partner).

12 lecturers (2 for each APTIME partner)

MONDAY TO THURSDAY from 9:30 to 12:45 Theoretical lessons and case studies

FRIDAY from 09:30 to 12:45



With the support of the Erasmus+ Programme of the European Union

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Lectures and seminars.

MONDAY 30TH MAY

9:00 – 9:30 Welcome coffee

9:30-11:00 Summer School presentation (UoW) delivery By Dr Iain Lyall

The aim of the Summer School within the objectives of APTIME project will be presented. Feedback on APTIME's first winter school (URJC, January 2022)

11:15-12:45 Visit of Compositadour & Addimadour

14:00-16:00 IO4 /ALM: process overview (part 1) Dr Iain Lyall

TUESDAY 31TH MAY

9:30-11:00 IO4/ ALM: process overview (part 2) Dr Iain Lyall

11:15-12:45 IO4/ Technical and Economic analysis Dr Iain Lyall

14:00-16:00 Cultural visit (visit to Bayonne city).

WEDNESDAY 1TH JUNE

9:30-11:00 IO6/ Choice of process according to part geometry and use/function Dr Bert A.J. Huis in 't Veld,

11:15-12:45 IO6 Dr Bert A.J. Huis in 't Veld,

14:00-16:00 IO6/ Case study by an AB member

THURSDAY 2ND JUNE

9:30-11:00 IO5 Technical and Economic analysis

11:15-12:45 IO5 Choice of process according to part geometry and use/function

14:00-16:00 IO5 (3 groups) Practical work Fab lab ESTIA 3: design, CAO, printing

FRIDAY 3RD JUNE

9:30-11h Visit to a company (Visit of Lynxter company, specialized in 3D polymer printer?)

11:15-12:45 Conclusions & feedback session.



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