

Mathematical Approaches for Multidisciplinary Projects (Math4MP) Final presentations

Summary

The project Math4MP was selected in 2023 in the framework of the 2nd EELISA Joint Call for developing multidisciplinary pilots.

During the spring of 2024 students from different degrees have worked in groups to show how Mathematics can be used to shed light on problems related to other disciplines and how, in turn, these disciplines can also boost the development of new mathematical tools.

In this event, organized in the framework of the EELISA Community SSERIES, the groups will present their work. The attendants, upon registration, will receive an EELISA Badge for their participation in this event.

Registration (free but mandatory)

Please fill in the following form

<https://forms.gle/iW6JLRncVmQX9EXT9>

When

Friday, June 14th 2024

Where

The event will be hybrid.

In person at

Universidad Politécnica de Madrid
E.T.S. de Ingeniería y Diseño Industrial
Ronda de Valencia 3, 28012 Madrid
Sala Azul (Blue room, floor -1)

Presentations will also be broadcasted online on <https://upm.zoom.us/j/86128652376>

Schedule

10:00-10:15	Opening
10:15-10:45	Maite Benlloch, Ángel De Lucas, Rafael Pascual (UPM) <i>Eutrophication of Lakes: Insights from a Case Study</i>
10:45-11:15	Ahmet Turan Akçay, Enes Ladin Öncül (ITU) <i>V2G Technology for Peak Shaving and Profitability using constrained Optimization Techniques</i>
11:15-11:45	Marcos Cabellos, Laura Cano, Yan Wang (UPM) <i>Superweeds: spatiotemporal modeling of the expansion of glyphosate resistance alleles</i>
11:45-12:00	Break
12:00-12:30	Israel López, Helena Uyá (UPM) <i>Modelling and Simulation of Piano Strings</i>
12:30-13:00	Roque Lizasoain, Raúl Ortega, Noé Rico (UPM) <i>Parasitism models</i>

Contact person and information

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