

# Design and deployment of Matlab Web Apps for teaching and education

by David Codony (LaCàN, UPC)

Wednesday, April 9th 2025  
11:00h – 11:45h CET

Conference Room C2-212,  
C2 Campus Nord, Barcelona

Speaker CV



*David Codony is an Assistant Professor in the Department of Civil and Environmental Engineering at Universitat Politècnica de Catalunya (UPC), and an Affiliated Researcher at LaCàN. His research focuses on computational material science, including electroactive materials, semiconductors, photovoltaics and metamaterials. He is also interested in Spline-based discretization methods. He earned his PhD in Applied Mathematics from UPC in 2021, focusing on the mathematical and computational modeling of flexoelectric materials, under the supervision of Prof. Irene Arias. He received his Bachelor's and Master's degree in Civil Engineering at UPC in 2014 and 2016, respectively.*

This talk will focus on the use of Matlab Apps in academia. You will learn what Matlab Apps are, and how they can be useful for teachers, students and researchers. The session includes several interactive examples, as well as a brief live tutorial about creating apps with the Matlab App Designer.

Besides creating apps, you will learn appropriate ways to share them, depending on the intended usage of the target user. This includes the deployment of Matlab Apps in the in-house Matlab Web App server of LaCàN, which enables students to run apps on-the-fly, just by accessing a web browser.

You are encouraged to bring your laptop!

