



Smart Materials & Surface Science
Research Focus Forum (RFF)
Tentative Programme

Granada 28, 29, 30 SEPT 2022

Description

This RFF focused on Smart Materials & Surface Science and hosted at UGR, will bring together researchers, PostDocs and professors from ArQus alliance, which will have the opportunity to share their knowlodge, experience, projects developed under this topic, to show their facilities, to present research groups and also to explore future collaborations.

The organizing team is composed of different researchers from UGR which have designed the following 3 days program. The program includes scientific plenary sessions with the presentation of different research groups and their ongoing activities dealing with smart materials and surface science, plenary sessions where the ESRs will have the opportunity to expose their research project to a panel of expert in this field, networking activities, visits to interesting facilities at UGR, an outreach event and social and cultural activities.

Tentative Programme

28th September

09:00 h Registration

09:30 h Opening Session

10:00 – 11:15 h Plenary Session 1. **Magnetic Soft Matter and Non-Newtonian Fluid Physics.**

Other applications: Interfacial and surface characterization, adhesion properties.

Short presentations

11:15 – 11:30 h Break

11:30 – 13:00 h Plenary Session 2. **Smart materials for asphalt pavements and other civil engineering applications**

Short presentations

13:00 Lunch

14:15 – 16:30 h Plenary Session 3. **2D material-based devices for ubiquitous applications & technologies for sensing applications. Part 1**

Short presentations

29th September

09:00 – 10:15 Networking meetings (registration on day 1)

10:30 h Tour of UGR facilities (registration on day 1)

- Centro de Instrumentación Científica
- Laboratorio de Nanoelectrónica, Grafeno y Materiales Bidimensionales de la UGR
- ETSICCP
Laboratorio de Ingeniería de la Construcción
Laboratorio de Ensayos no Destructivos
- Facultad de Ciencias
Pervasive Electronics Advanced Research Laboratory (A. Godoy).
Lab of Surface and Interface Physics-Applied (Miguel A. Fernández).
- Otros...

13:00 h Lunch

14:30 – 16:30 h Plenary Session 3. **2D material-based devices for ubiquitous applications & technologies for sensing applications. Part 2**

16:30 h Free time to explore the city / intensify collaborations / further discuss with experts

30th September

Outreach Day → **The European Researchers' Night 2022**