



# First LaPMET Workshop

## Thursday, 23 September 2021

### Materials and technologies for Health and Environment (14:20 - 15:50)

-Conveners: Armandina Maria Lima Lopes

| time  | [id] title  | presenter                                |
|-------|---|--|
| 14:20 | [128] Materials and Technologies for Health and Environment @ CF-UM-UP  | COUTINHO, Paulo                          |
| 14:40 | [94] Health and Environment Research Areas at C2TN  | MENDES, Filipa<br>Dr PRUDÊNCIO, M Isabel |
| 15:10 | [69] Nanomaterials for Cancer Theragnosis: in silico, in vitro and in vivo.   | SOUSA, Celia                             |
| 15:30 | [116] Advanced Materials and Technologies for Health and Environment: research studies and collaborations carried out at the Center of Physics and Engineering of Advanced Materials (CeFEMA) | FARIA, Monica                            |

# Friday, 24 September 2021

## Materials and technologies for Health and Environment (13:30 - 15:00)

-Conveners: Rita Rodrigues

| time  | [id] title  | presenter           |
|-------|---|---------------------|
| 13:30 | [134] Multifunctional nanocomposite membranes for environmental remediation of contaminants of emerging concern | SALAZAR, Hugo       |
| 13:40 | [130] Ultrashort laser pulses in Medical Imaging  | ROMERO, Rosa        |
| 13:50 | [110] Advancing supramolecular peptide-based magnetic gels towards smart drug delivery systems                  | Mr VELOSO, Sérgio   |
| 14:00 | [132] A multifunctional nano-approach for breast cancer therapy   | GRANJA, Andreia     |
| 14:10 | [47] Out-of-field doses in radiotherapy treatments of paediatric patients                                       | CRAVO SA, Ana       |
| 14:20 | [51] Multifunctional Gold Nanoparticles for Cancer Theranostics   | SILVA, Francisco    |
| 14:30 | [35] Production of Prebiotics from Pulp and Paper Industry Biomass  | HENRIQUES, Patrícia |
| 14:40 | [9] Development of novel monophasic hybrid membranes for improved artificial kidney devices                     | RODRIGUES, Flávia   |
| 14:50 | [78] Atomistic simulations of silver diffusion within a titanium nitride matrix                                 | LENZI, Veniero      |
| 14:55 | [111] Nanosystems for magnetic hyperthermia and local drug administration                                       | KANG, huixuan       |