Session Program

Sep 23 – 24, 2021

First LaPMET Workshop

New principles and technologies for sensing

Thu, September 23

3:50 PM

New principles and technologies for sensing

Session |
Location: https://videoconf-colibri.zoom.us/j/89034433548?pwd=Qm83ajdSZWt1SC8wQWdIN2FJMXJrQT09 |
Convener: Yuliy Bludov

3:50 – 4:10 PM **Micro/nano sensors for multifunctional applications @ IFIMUP**

Speaker
André Miguel Pereira

4:10 – 4:20 PM **Radiation Sensing using Superheated Liquids**

Speaker
Dr Ana C. Fernandes

4:20 – 4:40 PM **New Principles and Technologies for Sensing @ FC-UM-UP**

Speaker
Pedro Alpuim

4:40 – 5:00 PM **NMR and sensing**

Speaker
Pedro Sebastião

5:10 PM

Fri, September 24

3:10 PM

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3:10 – 3:20 PM **Cylindrical Magnetic Nanowires for Information Storage Devices**

Speaker
Mariana P. Proença

3:20 – 3:30 PM

Nanofabrication of Pd and PdAu nanowires in alumina dendrites for hydrogen sensing

Speaker
Paula Quitério

3:30 – 3:40 PM

Polarimetry for material characterization in remote sensing applications

Speaker
Irene Estevez

3:40 – 3:50 PM **Nanostructured plasmonic thin films for LSPR sensing applications**

Speaker
Marco S. Rodrigues

3:50 – 3:55 PM

All-Printed Smart Label with Integrated Humidity Sensors, Communication System and Power Supply

Speaker
Nelson Pereira

3:55 – 4:00 PM

Gas sensor based on Au nanoparticles embedded in a CuO matrix by HR-LSPR spectroscopy at room temperature

Speaker
Manuela Proença

4:15 PM