



## MC 44 Exploring the frontier of thermoelectric materials, devices, and applications in condensed matter physics I

Tuesday, 3 September, morning

Chair: Carlos Tavares

Room:

Hours	ID	Name	Type	Title
10h30	12817	J García Cañadas	Invited	Improving the thermoelectric power factor of nanostructured and porous oxides using electrolytes and surface functionalization
11h00	13725	Ana Sousa	Oral	Thin Multi-Layered Multifunctional Textiles with Thermal Energy Harvesting and Energy Storage Properties
11h15	13718	Ana Pires	Oral	Synergistic Energy Systems: Merging Thermoelectric and Magnetocaloric Technologies
11h30	15463	Marisol M Gonzalez	Invited	The Interplay of Electrons and Phonons in Thermoelectric Materials
12h00	13178	Olga Caballero	Oral	Thermoelectric generators fabricated within flexible commercial filters
12h15	13214	Andres Conca	Oral	Silver selenide thin films deposited by pulsed hybrid reactive magnetron sputtering at low temperature
12h30	13760	André Pereira	Invited	Printable Thermoelectric Devices: Harvesting from Heat Surfaces, Wearables and Wireless Energy Transfer

## MC 44 Exploring the frontier of thermoelectric materials, devices, and applications in condensed matter physics II

Tuesday, 3 September, afternoon

Chair: Olga Caballero

Room:

Hours	ID	Name	Type	Title
16h00	15311	Sylvain Le Tonquesse	Invited	New Synthesis Approaches for Non-toxic and Affordable Transition Metal Silicides and Phosphides as Thermoelectric Materials
16h30	13267	J M D Vázquez	Oral	Thermoelectric efficiency of sputtered epitaxial Fe <sub>2</sub> VAl and Fe <sub>2</sub> V <sub>0.8</sub> Al <sub>0.2</sub> (100) and (110) thin films
16h45	12420	Milan Klicpera	Oral	Lead-free dielectrics, improved recipe for synthesis



17h00	12598	Yohann Thimont	Invited	Thermoelectric properties of optimized transparent gamma copper iodine thin films: Development of unitracks modules, experimental and simulated performances
17h30	13150	J M Ribeiro	Oral	Transparent Thermoelectric Titanium Dioxide-based Thin Films for Thermal Energy Harvesting
17h45	15466	Enrique Muñoz	Oral	Thermoelectric Transport Coefficients for Weyl Semimetals in the Family of Transition Metal Monopnictides with Dislocation Defects
18h00	13916	Eliana Vieira	Invited	Optimization of binary oxides properties for energy harvesting