

CALL FOR PAPERS

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19th - 22nd September



2022 Fall Meeting

Abstract deadline: June 6th, 2022

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SCHEDULED SYMPOSIA

FUNCTIONAL MATERIALS

- A** Materials, components and characterization of energy harvesters for self-powered electronics
- B** Non-linear and dynamic thermal transport: modeling, thermo-materials, devices and applications
- C** From predictive modelling to machine learning as versatile tools for materials design
- D** Nuclear materials under extreme conditions II
- E** Sustainable materials for chemical and electrochemical energy storage
- R** Integration of advanced materials on silicon: from classical to neuromorphic and quantum applications
- S** Phase transitions and properties of ferroics in the form of single crystals, ceramics and thin films II

WIDE-BAND-GAP SEMICONDUCTORS

- F** Ultra wide-band-gap semiconductors for energy and electronics (UWBG2E)
- G** New frontiers in wide-band-gap semiconductors and heterostructures for electronics, optoelectronics and sensing

NANOMATERIALS

- H** Innovative and advanced epitaxy
- I** Group-IV semiconductor materials for nanoelectronics and cryogenic electronics
- J** Quantum semiconductors symposium
- K** Materials- nanoelectronics and nanophotonics
- L** Doping at the nanoscale: new challenges and advanced applications
- M** Defect-induced effects in nanomaterials
- T** Advances in nanoparticles: synthesis, characterisation, theoretical modelling, and applications

MATERIALS FOR A SUSTAINABLE TRANSITION

- N** Modelling and characterization of novel functional materials for green energy, sensing, and catalysis applications
- O** Circular materials and resource chemistry
- p** Breakthrough zero-emissions energy storage and conversion technologies for carbon-neutrality
- Q** Advanced catalytic materials for (photo)electrochem. energy conversion III

ABSTRACT DEADLINE : JUNE 6th, 2022

in fairness to all potential authors, **late abstracts will not be accepted**

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