SmartMat 2025

# 1st International Conference on Smart Functional Materials and Sustainable Technologies (SmartMat 2025)

**21 November 2025** **Faculty of Sciences of Sfax (FSS), Tunisia**

## About the Conference

The **SmartMat 2025 Conference** aims to bring together researchers, scientists, and engineers working in the field of **smart, bio-based, and eco-friendly functional materials** to promote sustainable technological innovations. This event will serve as a multidisciplinary platform for exchanging ideas, sharing research findings, and exploring new collaborations that foster the transition toward **greener and smarter material systems**.

## Conference Topics

- Bio-based and renewable materials; sustainable composites and biopolymers
- Eco-friendly functional materials and green chemistry
- Circular economy (10R), waste-to-materials, and valorization strategies
- Smart and multifunctional systems: magnetoelectric, piezoelectric, triboelectric, and self-powered sensors
- Flexible and wearable energy harvesting devices
- Artificial intelligence in biomaterials: optimization, predictive modeling, and digital twins
- Characterization and modeling of bio-based and hybrid materials
- Energy materials and systems for harvesting, storage, and conversion
- Water and environmental applications: remediation and pollution control
- Agriculture, food, packaging, and biomedical applications of sustainable biomaterials

## Conference Chairs:

**Prof. Olfa Kanoun**

Professorship of Measurement and Sensor Technology (CUT), Chemnitz University of Technology, Germany

**Prof. Anouar Njeh**

Department of Physics, Faculty of Sciences of Sfax (FSS), University of Sfax, Tunisia

**Prof. Ahmed Fakhfakh**

Digital Research Center of Sfax (CRNS), University of Sfax, Tunisia

## Program Chairs:

Dr. Slim Naifar, Dr. Ayda Bouhamed

## Publication Chairs:

Prof. Ahmed Koubaa, Prof. Mohamed Ksibi

## Scientific Committee:

Prof. Bassem Zouari, Prof. Nabil Derbel, Prof. Mohamed Khlif, Prof. Hammadi Khemakhem, Prof. Mourad Arous, Prof. Kamel Khirouni, Prof. Najla Fourati, Prof. Wahiba Boujelbene, Prof. Jamel Bouaziz.

## Submission Details:

**Submission Here!**

**Submission:** 1-page abstract

**Deadline:** 08.11.2025

**Notification of Acceptance:** 15.11.2025

**Conference Proceedings:** Abstract Book & Special Issues

**Registration Fees:** 0 Euro | **Format:** Poster Presentations | **Best Poster Award**