



1st Seminar on Materials, Processes and Microfabrication

November 24 - 25, 2024
Algiers, Algeria



The 1st Seminar on Materials, Processes and Microfabrication (MPM'24) will be held at the Center for Development of Advanced Technologies – CDTA from November 24th to 25th, 2024.

The conference's main theme highlights the world-changing technologies, It creates an environment that facilitates the exchange of information and experiences among academics and professionals across the domains of Materials, Materials Processing and Microfabrication.

Material Synthesis and Characterization

Advanced Materials for Electronics, Optics, Magnetism, Bio and Hard-materials, ...
Functional Coating, Thin Films and Nanomaterials
Material Characterization
Plasma and Laser Processes and Applications
Material Modelling and Computational Methods

Processes and Technologies for Materials and Microfabrication

Microfabrication Processes
Advanced Materials for Microfabrication
Device Processing and Process Integration
Device Characterization
Microfabrication and Applications (Opto electronics, CMOS, MEMS, NEMS, ...)
Control and Automation Processes

Artificial Intelligence Applications for MPM

AI Assisted Material Synthesis and Characterization
AI Assisted Processes and Technologies
Heuristic Algorithms
Image Processing Methods

Important Dates

March 25
Call for Abstracts

July 25
Notification of Acceptance

November 24
MPM'24

First Announcement
February 25

Submission Deadline
May 25

Program Announcement
September 25

Workshops
November 25

Workshops

Three workshops related to the themes of the seminar will be held on November 25th. The workshops are an opportunity to explore the following special topics :

Vacuum Techniques and Thin Films Deposition by PVD.
Material Characterization Techniques.
CMOS 1 µm Process Flow and Printed Circuit Board (PCB) Prototyping.

Instructions for Participants

Authors are invited to submit an **Extended Abstract** of a maximum of **two (2) pages**.

Authors are requested to use **the template** provided at the download section of the seminar website.

All participants (Seminar and Workshops) must fill and send the registration form available in the download section of MPM'24 website.

Payment for participation fees will take place at the **registration desk**.

Organized By

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