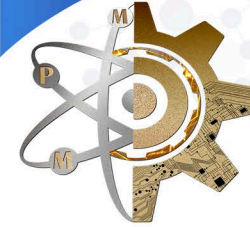




## Seminar Venue



## Seminar Topics



## 1<sup>st</sup> Seminar on Materials, Processes and Microfabrication

November 24 - 25, 2024  
Algiers, Algeria

The MPM'24 Seminar will be held at the Center for Development of Advanced Technologies, in Baba Hassen, Algiers. The CDTA benefits from its strategic location in close proximity to the capital city, where significant academic institutions, universities, research centers and a multitude of industrial actors are located.



## Objectives

MPM'24 strives to cultivate a collaborative environment, bringing together students, academics and professionals across the domains of Materials, Materials Processing and Microfabrication. Our main objective is to facilitate the exchange of information and experiences, thereby serving as an interdisciplinary platform to the dissemination of knowledge among all participants.

The 1<sup>st</sup> edition of MPM encompasses a broad range of topics, but not limited to :

### Material Synthesis and Characterization

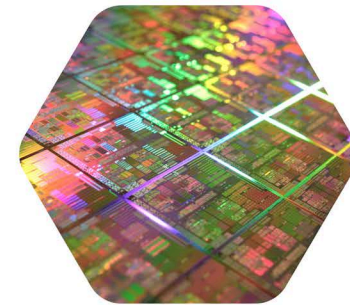
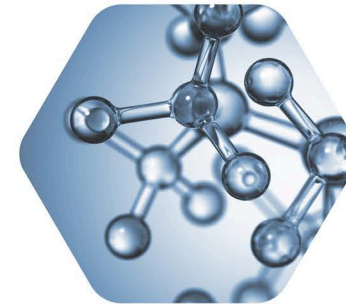
Advanced Materials for Electronics, Optics, Magnetism, Bio and Hard-materials, ...  
Functional Coating, Thin Films and Nanomaterials  
Material Characterization  
Plasma and Laser Processes and Applications  
Material Modelling and Computational Methods

### Processes and Technologies for Materials and Microfabrication

Microfabrication Processes  
Advanced Materials for Microfabrication  
Device Processing and Process Integration  
Device Characterization  
Microfabrication and Applications (Optoelectronics, 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







# Call for Abstracts

# Honorary Chair

TRAICHE Mohammed (Director of CDTA)



# Scientific Committee

The 1<sup>st</sup> Seminar on Materials, Processes and Microfabrication (MPM'24) will be held at the Center for Development of Advanced Technologies – CDTA from November 24<sup>th</sup> to 25<sup>th</sup> 2024. The seminar main theme highlights the world-changing technologies, it creates an environment where academics and professionals exchange experiences.

## Important Information

1 <sup>st</sup> Announcement	February 25, 2024
Call for Abstracts	March 25, 2024
Abstract submission deadline	June 15, 2024
Notification of Acceptance	July 25, 2024
Program Announcement	September 25, 2024
Seminar Dates	November 24 - 25, 2024
Workshops	November 25, 2024

## Fees

Students	3 000 DZD
Academics	7 000 DZD
Auditors	10 000 DZD
Workshops	5 000 DZD

Abstracts Submission	mpm24@cdta.dz
Technical Support	mpm.info@cdta.dz

## General Chair

LEKOUÏ Fouaz (Senior Researcher - CDTA)

## Co-Chairs

FILALI Walid (Senior Researcher - CDTA)

HASSANI Salim (Research Director - CDTA)

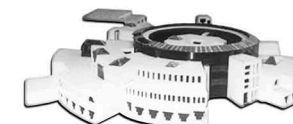
## Secretary

BENABBAS M<sup>ed</sup> Tahar (Senior Researcher - CDTA)

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