

*The first International Conference on Advanced Materials and Energy Technologies  
(AMET'24)*



*And*

*Workshop on Additive manufacturing (AM), DFT Calculations and  
Characterizations Techniques*

*October 12-13, 2024 - Oum El-Bouaghi University, Institute of Technology (Algeria)*

***Conference PROGRAM***

***First Day: Saturday, 12 October 2024***

*08h00-10h00 : Conference Registration and Welcome*

*08h30 – 09h00 : Opening Ceremony*

***Keynote Session 1: Conference Room***

*09H00-09H45 / Session Chair : Mourad ZAABAT and Khaoula RAHMOUNI*

***Pr. Farid AMIROUCHE***

*Illinois University, Chicago, United States*

*Comparative study of robotic assisted knee arthroplasty versus conventional techniques: A look at periprosthetic fractures risks*

***Coffee/Tea break: Lobby      9h45 – 10h15***

***Keynote Session 2: Conference Room***

*10H15-11H00/ Session Chairs: Aurélien Besnard and ZAÏTER Abdallah*

***Pr. Nicolas MARTIN***

*FEMTO-ST Institute / France*

*Architected thin films by oblique angle deposition: Growth, properties and a few applications*

*Keynote Session 3: Conference Room*

<i>11H00-11H45 / Session Chairs : Aurélien Besnard and ZAITER Abdallah</i>
<i>DR. Akram ELHUSSEIN</i> <i>University of Technology of Troyes / France</i> <i>Development of Behaviour and Multifonctional Coatings for use in Harsh environment</i>

**11H45 – 13h 30** **Lunch**

*Oral Session*

<i>Time</i> <i>14H00-15H15</i>	<i>Room 01 : Chairs : Pr.Laouer and Pr Ozdugan</i>	<i>Room 02 : Chairs :Dr. Haddoun and Dr. Alhussein</i>	<i>Room 03 : Chairs :Dr.Boultif and Pr.Kaabouche</i>
<i>Participants</i>	<i>Ghodbane,Metaoui,Krarcha,Djeddou,Daoudi</i>	<i>Benamira,Remache,Benyamina, Mohand Akfi</i>	<i>Goutel,Taberkani,Barberis,Mohand Ouidir, ,Atmani</i>

*Coffee/Tea break: Lobby 15h15 – 15h45*

*Augmented Reality Workshop : Aurélien BESNARD*

*Poster Session 1: Conference Hall*

<i>Time</i>	<i>Participants ID</i>
<i>15H4</i>	<i>41,</i>
<i>5-17H3</i>	<i>116,08,124,108,26,95,74,106,87,61,68,30,60,71,31,129,36,29,79,117,38,34,49,73,82,54,52,127,98,22,76,15,104,121,12,55,78,25,120,90,95,43,1</i>
<i>0</i>	<i>32,134,133.57,112</i>

*Second Day : Sunday, 13 October 2024*

*Keynotes Session 1: Conference Room*

*08H30-09H15 / Session Chairs : Pr.Amirouche and Pr.Martin*

*Prof. Kemal ÖZDOĞAN*

*Yıldız Technical University | Istanbul | Türkiye*

*Heusler alloys and their exotic properties*

*Keynotes Session 1: Conference Room*

*09H15-10H15 / Session Chairs : Pr.Amirouche and Pr.Martin*

*Dr. Aurélien BESNARD*

*LaBoMaP / France*

*Thin film's microstructure: The importance of the description of atomic flux*

*Poster Session 2: Conference Hall*

<i>Time</i>	<i>Participants ID</i>
<i>10H15-10H45</i>	<i>72,99,39,24,94,110 ,14, 21, 77, 97,116, 64,88,67,59,44,66,115,27,58,51,107,114,19,75,48,40,130,28,37,65,53,77,32,124,42,55,84,111,46,135,136,137</i>

*Coffee/Tea break, 10H45- 11H00*

*Keynotes Session 2 : Conference Room*

*11H00-11H45 / Session Chairs : Pr.Amirouche and Pr.Martin*

*Pr. George KAPTAY*

*university of Miskolc / Hungary*

*Equilibria of nanomaterials*

11H45 – 13h 30

Lunch

13H00- 15H00	1- 3D Printing using Cura and Z-suite	Dr. Ilyes BENSALÉM   University of Setif 1 Dr. Abdelghani KHENNAB   University of Batna 2	Room 1
	2- Density Functional Theory (DFT)	Dr. Haroun RIGHI   University of Batna 1 Dr. Aissam HIDOUCI   University Center of Barika Dr. Raouf Beddiaf   Higher National School of Renewable Energies, Environment & Sustainable Development	Room 2
	3- Modeling Molecules of New Structures in Nanotechnology	Dr. Abdallah ZAÏTER   University of Oum El-Bouaghi Dr. Mohamed Amine ZERIZER   University of Oum El-Bouaghi Dr. Hacene NEMDILI   University of Constantine 1	Room 3
	5-Transmission Electron Microscopy (TEM) Characterization Techniques	Dr. Khaoula RAHMOUNI   University of Oum El-Bouaghi	Room 4
	4- How to get published?	Pr. Zakaria LAABOUDI   University of Oum El-Bouaghi	Amphitheater

15H00 -  
16h30DELIVERY OF PARTICIPATION CERTIFICATES  
CLOSING CEREMONY