

1^{er} Symposium National de l' Académie Algérienne des Sciences et des Technologies sur les Nanotechnologies

SNNT
AAST 2022
26-27 juin. Université de
Boumerdes, Algérie.



GLOBAL PROGRAM OF SNNT2022

Saturday, June 25, 2022

TIME	EVENT
14 :00- 21 :00	Welcome Reception - Participants' registrations (Central Library - M'hamed Bougara University of Boumerdes) - Organization Committee of 1 st SNNT2022

Sunday, June 26, 2022

TIME	EVENT
08:00- 09:00	Welcome Reception - Participants' registrations (Central Library - M'hamed Bougara University of Boumerdes) - Organization Committee of 1 st SNNT2022
09:00- 09:45	Opening Ceremony (Room A) - Prof. Allab-Yaker Malika (President of AAST), Pr. Mustapha Yahi (Rector of UMBB), Pr. A. Nour – (UMBB/AAST), Pr. A. Bousseksou (AAST/LCC-CNRS Toulouse, Director - Member of the French Academy of Science -Member of the European Academy of Science)
	Plenary Sessions I (Room A): Chaired by Prof. A. BOUSSEKSOU
09:45 - 10:15	Emeritus Prof. Abderrahmane TADJEDDINE, Member of Algerian Academy Science and Technology- DRCE /CNRS of Orsay. Paris-Saclay University; <i>“Les Grandes Infrastructures de recherche, outils multidisciplinaires au service de la recherche, de la technologie et de l'innovation : exemple du rayonnement synchrotron”</i>
10:15 - 10:45	Emeritus Prof. Chems Eddine CHITOUR, National Polytechnic school of Algiers; <i>“Sidi Abdallah le Campus du futur dédié aux NBIC et aux disciplines émergentes”</i>
10:45 - 11:15	Coffee break (Hall RDC)
10:45 - 11:15	Poster Session I (T1, T2, T3, T4, T5 and T6) (Hall-RDC)
	Oral Sessions I (Room A): Chaired by Prof. Nour-Eddine BENALI-CHERIF
11:15 - 11:45	GUELLATI Ouanassa <i>“Smart Multi-functional Nanomaterials for Electrochemical Energy Storage « Supercapacitors » or Water Depollution”</i> -DocID:407944
11:45 - 12:15	Ouhaibi Abdelhalim <i>“Deposition Temperature Effect on Morphological, Optical and Photocatalytic Properties of ZnO Thin Films Elaborated by Spray Pyrolysis Technique”</i> -DocID:408655
12:15 - 12:45	Brahim Mahfoud <i>“Magnetic Field Effect On Swirling Nanofluid Flow”</i> -DocID: 408003
12:45- 14:00	Lunch

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Oral Sessions II (Room A): Chaired by Prof. M. BELBACHIR

- 14:10- 14:45 **Kebci Zahia** *"Méta matériau biréfringent sous forme d'un réseau métallique d'ouvertures en forme de 'C' pour la conception d'une lame demi onde dans la gamme du visible "*-DocID: 414639
- 14:45- 15:15 **Zarita Rahouadja** *"Analysis of forced convection heat transfer in a micro channel using nanofluids by the lattice Boltzmann method "*-DocID: 408060
- 15:15- 15:45 **Kail Fatiha** *"Optical light confinement as a key point to increase efficiency in thin film silicon solar modules "*-DocID: 417234
- 15:45- 16:15 **Coffee break (Hall RDC)**
- 15:45- 16:15 **Poster Session II (T1, T2, T3, T4, T5 and T6) (Hall-RDC)**

Plenary Sessions II (Room A): Chaired by Prof. A. BOUSSEKSOU

- 16:15- 17:15 **Prof. Belkacem HABA**, XPERI Holding Corporation, Stanford, USA; *"Nanotechnology and few applications in semiconductor manufacturing"*
- 17:15- 17:15 **Poster Session II (T1, T2, T3, T4, T5 and T6) (Hall-RDC)**
- 20:00-22:00 **Dinner**

Monday, June 27, 2022

TIME EVENT

Plenary Sessions III (Room A): Chaired by Prof. A. BOUSSEKSOU

- 09:00- 10:00 **Prof. Jean-Pierre SAUVAGE**, Prix Nobel de Chimie, Université de Strasbourg, France ; *"De la topologie aux machines moléculaires"*
- 10:00- 10:30 **Prof. Nour-Eddine BENALI-CHERIF**, Membre de l'Académie Algérienne des Sciences et des Technologies, *"La diffraction des RX: Un moyen puissant de caractérisation"*
- 10:30- 11:00 **Coffee break (Hall RDC)**
- 10:30 - 11:00 **Poster Session III (T2, T3, T4, T5 and T6) (Hall-RDC)**

Oral Sessions III (Room A): Chaired by Prof. F. BENAYACHE

- 11:00 - 11:30 **Bensenouci Halima** *"Electrodéposition d'un film d'oxyde de cuivre pour des application photo-électrochimique "*-DocID: 407657
- 11:30- 12:00 **Abdelkader Rahmouni** *"Comparative studies between chloroquine and new synthesized macromonomers called octopus as clinical candidate for the treatment of SARS-CoV-2: Experimental dataset "*-DocID: 407156

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12:00- 12:30	Kaddour Nawel <i>"Administration orale d'insuline via des nanoparticules gastro-résistantes"</i> -DocID: 408147
12:30- 14:00	Lunch
Oral Sessions IV (Room A): Chaired by Prof. M. BELBACHIR	
14:00- 14:30	Mebtouche Farouk <i>"Monovacancy effect on Materials Properties: Hydrogen Storage Application"</i> - DocID:413492
14:30- 15:00	Boudellioua Hichem <i>"Effect of Ce³⁺/PEG combination on the corrosion inhibition of mild steel in chloride solution: electrochemical, films characterization and surface morphology studies"</i> -DocID: 410541
15:00- 15:30	Lakrouf Islem <i>"Elaboration et caractérisation morphologique et optique du silicium nanoporeux préparé par voie chimique"</i> -DocID: 417104
15:30- 16:00	Coffee break (Hall RDC)
15:30- 16:00	Poster Session IV (T2, T3, T4, T5 and T6) (Hall-RDC)
Oral Sessions V (Room A): Chaired by Prof. S. BENAYACHE	
16:00- 16:30	Bensalem Salah-Eddine <i>"Theoretical investigation of the mechanical stability of diamond-like materials under a pressure gradient"</i> -DocID: 407395
16:30- 17:00	Drici Nedjoudja <i>"An overview of the role and the application of molecular modelling approaches for nanomaterials exploration"</i> -DocID: 410095
17:00- 17:30	Lounis Imene <i>"Infiltration liquide et spontanée: Elaboration et caractérisation de composés multimatériaux à base de terres rares"</i> -DocID: 415801
17:30- 18:00	Cheriet Nacera <i>"This study focuses on laminar air cooling of multiple blocks mounted in a channel, with airfoils placed above the blocks and used as vortex generators. The unsteady governing equations are solved by the finite"</i> -DocID: 414707
18:00- 18:30	Closing of SNNT 2022 Symposium (Conference Room - Boumerdes University) - . A. BOUSSEKSOU, Pr. M. BELBACHIR, Pr. A. NOUR, - Organization Committee of 1st SNNT2022