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Scientific Program

2nd International Conference on

Applied Physics and Engineering (ICAPE)

March 15 - 17, 2023 - Paris, France



APPLIED PHYSICS 2023

Pulsus Group

35 Ruddlesway, Windsor, Berkshire, SL4 5SF

Ph: +44-203-769-1778

https://appliedphysics.pulsusconference.com/

Applied Physics 2023

Opening Ceremony
09:00-09:10

March 15, 2023 | Day 01

Keynote Forum

Sessions on: Material Science & Engineering | Atmospheric and Magnetospheric Sciences

09:10-10:00	**Production of drug carriers loaded with bioactive molecules through the use of a supercritical assisted foaming process** **Department of Chemical, Materials and Industrial Production Engineering | University of Naples Federico II | Italy**

Group Photo

Session Introduction

Sessions on: Fluid dynamics | Quantum optics | Plasma Physics | Medical Physics | Biophysics | Condensed Matter Physics

10:00-10:30	**Single & Two Phase Nanofluids flow and the advancement in nanotechnology** **Ghulam Rasool | Zhejiang University | China**
10:30-11:00	**Flame propagation of LPG-air mixtures in a closed cylindrical vessel** **Codina Movileanu | Ilie Murgulescu Institute of Physical Chemistry | Romania**
11:00-11:30	**A dual band, compact, high gain, simple geometry and wideband antenna** **Musa Hussain | Commercial Market, Satellite Town, Rawalpindi | Pakistan**

Refreshement break @11:30- 11:50

Sessions on: Abdominoplasty | Hand surgery | Plastic Surgery | Reconstructive surgery | Aesthetic surgery

11:50-12:20	**Fear of falling and associated factors among older people living in Bahir Dar City, Amhara, Ethiopia- A cross-sectional study** **Vladimir Valentinovich Egorov | Russian Academy of Sciences | Russia**
12:20-12:50	**Alkaline hydrothermal vents as a potential site for thermal chemical reactions** **Manya Sharma | Spacenova |India**

Lunch break @12:50- 13:30

Sessions on: Theory of Relativity |Nanoscience and Nanotechnology | Engineering Physics | Applied Physics | Geophysics | Laser and optics

13:30- 14:00	**Leukotriene Receptor Antagonists (Ltra) And Silicone Implant Capsular Contracture** **Aaron Schmid PharmD, Anisha Pareddy MS, Kavya Akella Division of Biomedical Sciences, Marian University, United States**
14:00- 14:30	**Use of fibrin sealant in preventing complications in cleft palate surgery** **Vijay Kumar Pandey, Dept of Plastic Surgery Command Hospital, India**
14:30-15:00	**Comparison of the Outcome of Partial Thickness Skin Graft Harvesting from Scalp with Partial Thickness Skin Graft of the Lower Extremity for Scalp Skin Defects** **Mehrdad Taghipour, Bushehr University of Medical Sciences and Health Services, Iran**
15:00 - 15:30	**Slots Available**
15:30 - 16:00	**Slots Available**
16:00 - 17:00	**Slots Available / Poster Presentation**

Thanks Giving and Closing Ceremony

March 16, 2023 | Day 02	
Keynote Forum	
Sessions on: Material Science & Engineering | Nanoscience and Nanotechnology	
09:10-10:00	**Improving Monolithic Perovskite based tandem solar cell efficiency** **Faculty of Sciences | University of Mohammed V in Rabat | Morocco**
10:00-10:30	**Green and bioinspired nanoparticles for nanomedicine applications** **Department of Mathematics and Physics | University of Salento | Italy**
	Session Introduction
Sessions on: Fluid dynamics | Quantum optics | Condensed Matter Physics	
10:30-11:00	**Ideas off Isaac Newton and their computer implementation** **Bulgarian Academy of Sciences | Institute of Robotics | Bulgaria**
11:00-11:30	**New optical solitons of perturbed nonlinear Schro dinger - Hirota equation with spatio - temporal dispersion by three schemes** **Applied Mathematics | Al–Rafidain University College | Iraq**
	Refreshement break @11:30- 11:50
Slots Available	
SL 01	**Tracks: Computational Physics | Control theory | Digital electronics**
	Lunch break
SL 02	**Tracks: Engineering Physics | Geophysics | Applied Physics | Laser and optics**
	Refreshement break
SL 03	**Poster Presentations**
Thanks Giving and Closing Ceremony	
March 17, 2023 | Day 03 Slots Available	
SL 01	**Tracks: Spintronics | Material Science & Engineering | Atmospheric and Magnetospheric Sciences**
SL 02	**Tracks: Engineering Physics | Geophysics | Applied Physics | Laser and optics**
	Refreshement break
SL 03	**Tracks: Computational Physics | Control theory | Digital electronics**
SL 04	**Poster Presentations**
	Lunch break
SL 05	**Tracks: Molecular imaging | Nuclear Astro Physics | Astrodynamics**
Please note that this is a Tentative Program. Timings in this program may subject to change	

