

8th July, Zeeman Building

9am to 5pm, Room: MS.03

Speakers



Prof Robert Mokaya

9:15 - 9:55

"Porous Carbons as Sustainable Energy Materials"



Prof Kalwant Bhopal

10:00 - 10:40

"BME Experiences in Higher Education: Social Justice, Inclusion and White Privilege"



Dr Siri Chongchitnan

11:00 - 11:25

"Cosmology: Modelling the Universe"



Prof Karuna Sampath

11:30 - 11:55

"Building a Body Plan: Lessons From a Fish"



Shayantan Chaudhuri

12:00 - 12:25

"Computational and Spectroscopic Characterisation of Oxygen-Terminated Diamond (110) Surfaces"



Dr Seley Gharanei

12:30 - 12:55

"Adipose Tissue Inflammation"



Prof Olanrewaju Sorinola

14:05 - 14:30

"Female Pelvic Floor Dysfunction; Do we have all the answers?"



Dr Wei Hei

14:35 - 15:00

"Flexible Low-carbon Energy Solutions for Using Renewable Energy"



Dr Modupe Jimoh

15:05 - 15:30

"My Water Story"

8th July, Zeeman Building

9am to 5pm, Room: MS.04

Speakers



Dr Lyla Latif

11:00 - 11:25

"Fostering African
Fiscal Voices"



Dr Munehiro Asally

11:30 - 11:55

"Bacterial Electrophysiology
Makes Live Bacteria
Detection Easier and Faster"



Dr. Sharmila Balamurugan

12:00 - 12:25

"Tomographic Entanglement
Indicators from NMR
Experiments"



Dr. Anusuya Pal

12:30 - 12:55

"Drying Droplets of Human
Blood: Fundamentals to
Disease Diagnosis"



Dr. Fayrouz Elmaddah

14:05 - 14:30

"Rapid Yeast-mediated
Cloning and Engineering of
Natural Product Biosynthetic
Gene Clusters"



Jungyeon Kim

14:35 - 15:00

"Poly (2-Oxazoline) Graft
Copolymers with Vinyl
Monomers via a Grafting
From Approach"



Dr Mohad M. Nezhad

15:05 - 15:30

"TBC"

8th July, Zeeman Building

9am to 5pm, Room: MS.05

Speakers



Dr Vishalakshi Roy

11:00 - 11:25

"Evaluation of Cultural Leadership Programme AD:Vantage (2020)"



Dr. Ojodomo Achadu

11:30 - 11:55

"Sustainable Magnetoelectric Nanogenerator to Convert Ambient Stray Magnetic Noise to Electricity"



Dr. Anjana Wijesekara

12:00 - 12:25

"Enhancing the Stability of Tin-halide Perovskite Photovoltaics"



Dr. Sreehari Perumanath

12:30 - 12:55

"Droplet Coalescence: from the Beginning to the End and Beyond"



Dr. Mahender Kumar

14:05 - 14:30

"Cloud-centric Internet-of-Medical-things-enabled Smart Healthcare Systems"



Sabeeha Malek

14:35 - 15:00

"The Role of Cell Mechanobiology in the Pathogenesis of the Ehlers-Danlos Syndromes"



Wilgner Lima da Silva

15:05 - 15:30

"Hydrothermal Synthesis of a Novel Rutile $\text{Fe}_{0.8}\text{Nb}_{1.5}\text{O}_{4.6}$ and its Orthorhombic Polymorph as Negative Electrodes for Li-ion batteries."

8th July, Zeeman Building

9am to 5pm, Room: Foyer

Posters



Shaumica Saravanabavan

"Solar-assisted Oxygen Production for Long-term Space Travels"



Munira Ali

"The Identification of the Role of MicroRNAs in Skin Development"



Folusho Balogun

"Untangling Free Carrier and Exciton Dynamics in Layered Hybrid Perovskites using Terahertz and Transient Absorption Spectroscopy"



JJ Awodipe

"Invade and conquer: Understanding the Host-pathogen Interactions that Allow Staphylococcus aureus to Enter and Survive Within Osteoblasts"



Gurneet Dhanoa

"Investigation of the Localisation of FtsZ in Pathogenic E. coli upon Bacteriophage Addition in a Human Cell Model as a Biomarker for Antibacterial Agents"



Claire Geng

"VR in Social Media"



Kemi Fagbenro

"Olaplex"