NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE

School of Physical and Mathematical Sciences
College of Science

8TH Asian Network for Natural & Unnatural Materials

Friday, 16 July 2021

12 speakers

9 countries

LOCAL TIMES

Richland
19.30* – 24.00*

Purdue, Tampa
22.30* - 3.00

India
8.00-12.30

Thailand
9.30-14.00

Singapore, Malaysia, Taiwan
10.30-15.00

Japan
11.30-16.00

Sydney, Melbourne
12.30-17.00

**previous day: 15th July*

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AEST 12:30 — **Inaugural Session - David St Clair Black**
University of New South Wales, Australia

Technical Session 1 - Chairperson: H. Mohindra Chawla
IIT Delhi, India

AEST 12:40 – 14:00 (20 min each)

Radha Kishan Motkuri
Pacific Northwest National Laboratory, USA
Engineering Nonporous Materials for PFAS Adsorption, Sensing, and Remediation

Amol D. Sonawane
Purdue University, USA
Iron-Promoted Intramolecular Cascade Cyclization for the Synthesis of Selenophene-fused, Quinoline-based Heteroacenes

Drasko Vidovic
Monash University
Site-selective deuteration of polyunsaturated fatty acids

Lim Seng Joe
Universiti Kebangsaan Malaysia, MALAYSIA
Edible Bird's Nest: A novel Glycoprotein Source

Technical Session II - Chairperson: Roderick Bates
Nanyang Technological University, Singapore

AEST 14:00 – 15:20 (20 min each)

Mihaiela Stuparu
NTU, Singapore
Mechanochemical Synthesis of Corannulene Derivatives

Chanatip Samart
Thammasat University, Thailand
Green carbon science through valorization biomass waste to energy storage application

Menaka Jha
INST, Mohali, India
Extraction of nanostructured materials from waste natural products.

Ved Prakash Singh
Mizoram University, India
Drug design, synthesis and study of supramolecular self-assembly of pyridone and dihydropyridone

AEST 15.20 – 15:30 — **Refreshment time**

Technical Session III - Chairperson: Naresh Kumar
University of New South Wales, Australia

AEST 15:30 – 16:50 (20 min each)

Albert Fahrenbach
School of Chemistry, UNSW Sydney
A Radiation-Driven Reaction Network that Generates RNA Precursors

Ramesh Kataria
Panjab University, Chandigarh, India
Functionalized gold nanoparticles as versatile sensing materials for heavy metal ions

Yun Yee Low
University of Malaya, Malaysia
Transformations of Leuconolam, Structure Revision of epi-Leuconolam, and Partial syntheses of Several Leuconoxine-type Alkaloids

Rashim Bawa
University of Delhi, Delhi
Isatin-Triazole Functionalized Rhodamine as a fluorimetric and a colorimetric sensor for Cu2+ and Fe3+ and Its Interaction Studies With Bovine Serum Albumin and Human Hemoglobin

AEST 16:50 – 17:00 — **Concluding Remarks - Surinder Mehta**
Panjab University, Chandigarh, India