



Workshop on Novel correlative technique using NMR spectroscopy and Electron microscopy - JEOL YOKOGUSHI (5th December 2019)



Organized jointly by
Sophisticated Analytical Instrument Facility /Centre for Research in NanoTechnology and Science
and JEOL INDIA PVT. LTD.

About the workshop:

"YOKOGUSHI" is a Japanese word that describes JEOL's philosophy of providing customers with complimentary technologies to advance their research & development programs.

Yokogushi is a Cross-Platform Analysis technique where Electron Diffraction (ED) and Solid-State NMR can be combined through quantum computation to determine structures of nano- to micro- crystalline organic compounds together with their Hydrogen-bonding network.

The JEOL Instruments namely, NMR (ECZ600R), FEG-TEM (JEM 2100F) & FEG-SEM (JSM 7600F) at SAIF, IIT Bombay cater to the Analytical needs of researchers nationwide.

Content of the Workshop:

The workshop will include lectures by Experts from JEOL, JAPAN as well as eminent scientists from India and will focus on the correlative techniques using NMR and Electron Microscopy and will also cover theory and applications of NMR, SEM and TEM.

Distinguished Speakers:

From JEOL:

Dr. Yusuke Nishiyama Dr. Nishikawa Tadateru,
Dr. Tetsuo Oikawa Dr. Patrick Lim
Dr. Jun Tamura

From IIT Bombay:

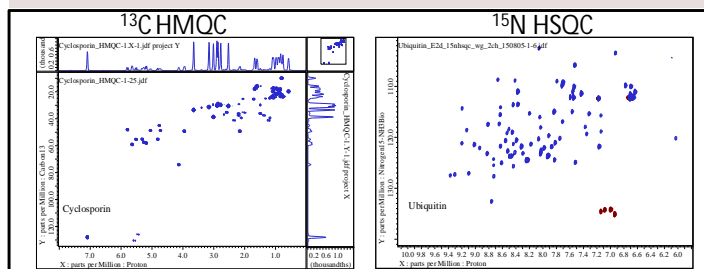
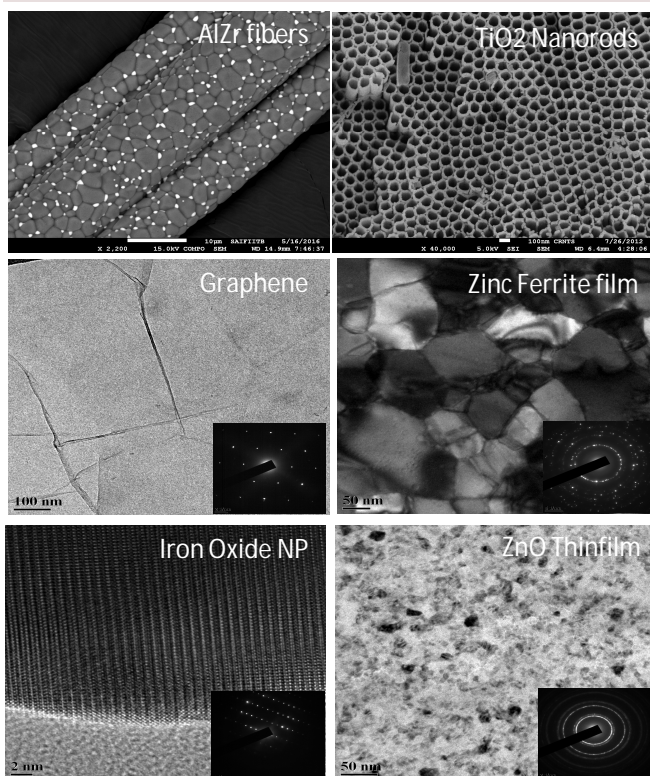
Prof. Ashutosh Kumar Prof. Leela S Panchakarla

Date : 5th December 2019

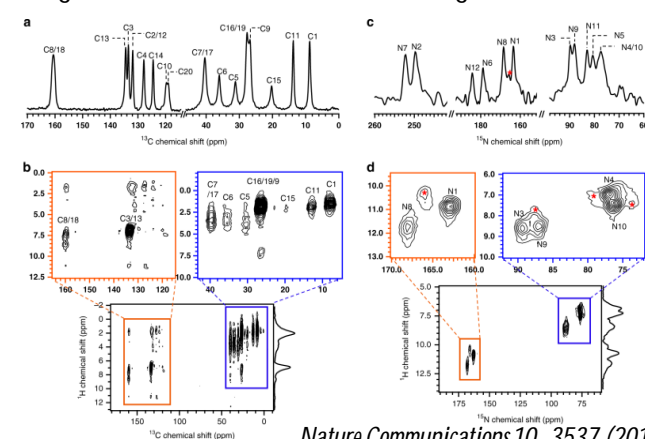
Venue: VMCC/SAIF, IIT Bombay

Registration Details at :

<http://www.rsic.iitb.ac.in/SAIFITBWorkshop5.html>



Assignment of cimetidine form B using SSNMR



Nature Communications 10, 3537 (2019)

Convener

Prof. Anil Kottantharayil
Head, SAIF/CRNTS

Coordinators

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