



**IDMxS**  
INSTITUTE FOR  
DIGITAL MOLECULAR  
ANALYTICS & SCIENCE



**INSTITUTE OF CHEMISTRY  
CHINESE ACADEMY OF SCIENCES**

# ICCAS-IDMxS Joint Workshop



**7 May 2024  
9 am – 5 pm**



**Lee Foundation Lecture Theatre  
School of Communication and Information  
Nanyang Technological University**

Time	Programme
9:00 am - 9:30 am	Registration
9:30 am - 9:35 am	Opening Address by IDMxS Director, Prof. Guillermo Carlos Bazan
9:35 am - 9:40 am	Introduction by Session Chair: Prof. Guillermo Carlos Bazan
9:40 am - 10:25 am	Biological assemblies of conducting polymers for biosensors, imaging and synthetic biology Prof. Wang Shu, ICCAS
10:25 am - 10:55 am	Compartments for the Chemistry of Life: Droplets, condensates, Liposomes, Cells Prof. Atul N. Parikh, IDMxS, UC Davis
10:55 am - 11:25 am	Nanopore-based protein sequencing Prof. Wu Haichen, ICCAS
11:25 am - 11:55 pm	Probing the nanoscale deformation in cancer cells Asst Prof. Zhao Wenting, IDMxS, NTU
11:55 pm - 12:55 pm	Lunch
12:55 pm - 1:00 pm	Introduction by Session Chair: A/Prof. Eric Yap
1:00 pm - 1:45 pm	Optics of low cost assay readers Prof. Peter Török, IDMxS, NTU
1.45 pm - 2:15 pm	Construction of multifunctional organic transistors towards bioelectronic applications Prof. Di Chongan, ICCAS
2:15 pm - 2:45 pm	Bio-interfaced Electronics Prof. Chen Xiaodong, IDMxS, NTU
2:45 pm - 3.15 pm	Coffee/Tea break
3:15 pm - 3:20 pm	Introduction by Session Chair: Asst Prof. Matthew Foreman
3:20 pm - 3:50 pm	Spectroscopic probes and imaging analysis Prof. Ma Huimin, ICCAS
3:50 pm - 4:20 pm	Devising molecular assays with Fluorescence Correlation Spectroscopy Prof. Thorsten Wohland, IDMxS, NUS
4:20 pm - 4:50 pm	Design of new bioorthogonal chemistry and its applications for biomacromolecular modulation Prof. Cheng Liang, ICCAS
4:50 pm - 5:00 pm	Group Photo - End of Workshop

Register for the workshop here

<https://forms.office.com/r/ZrPV9erVdT>

