



SAIS Symposium 2024, 1-2nd March



School of Applied and Interdisciplinary Sciences (SAIS)
Indian Association for the Cultivation of Science
Jadavpur, Kolkata-700032

List of Eminent Speakers:



Prof. Yutaka Wakayama,
NIMS, JAPAN



Dr. A Ajayaghosh,
CSIR-NIIST, Trivadrurum



Prof. BLV Prasad,
CENS, Bengaluru



Prof. Debaprasad Mandal,
IIT Ropar



Prof. Gopal C Kundu,
KIIT DU Bhubaneswar



Prof. K S Narayan ,
JNCASR, Bengaluru



Prof. Kalyaneswar Mandal,
TIFR, Hyderabad



Prof. Kiran R Gore,
IIT Kharagpur



Prof. Neelanjana Sengupta,
IISER Kolkata



Prof. P S Mukherjee,
IISc, Bengaluru



Prof. P Rajamalli,
IISc, Bengaluru



Prof. Ruchi Anand,
IIT Mumbai



Prof. Sampa Saha,
IIT Delhi



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Inaugural Session

09.45 – 09.55 am: Inaugural Address- **Director, IACS**

09.55-10.00 am: Welcome Address

Session 1: Chair- Prof. Surajit Sinha, SAIS, IACS

Speaker	Affiliation	Time	Title
1. Prof. Gopal C Kundu	KIIT Bhubaneswar	10:00-10:40 am	KN1: <i>Understanding the Tumor Heterogeneity and Development of Multi-targeted Therapy in Breast and other Cancers.</i>
2. Prof. Ruchi Anand	IIT Bombay	10:40-11:20 am	KN2: <i>Strategies to Combat Ribosomal Methyltransferases Based Antibiotic Resistance.</i>

Tea Break: 11:20 -11:40 am

Session 2: Chair- Prof. Pradyut Ghosh, SCS, IACS

3. Prof. Partha Sarathi Mukherjee	IISc, Bengaluru	11:40-12:20 pm	KN3: <i>Chemical Reactions in Confined Space.</i>
4. Prof. Kalyaneswar Mandal	TIFR, Hyderabad	12:20-12:50 pm	IL1: <i>Chemical Peptide/Protein Engineering to Inhibit Entry of Malaria Parasites into Red Blood Cells.</i>
5. Prof. Debaprasad Mandal	IIT Ropar	12:50-1:20 pm	IL2: <i>Multiphase Gradient Self-stratified Coating with Multi-responsive Self-healing Polymer.</i>

Lunch Break: 1:20 -2:30 pm



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Session 3: Chair- Prof. Somobrata Acharya, SAIS, IACS

6. Prof. BLV Prasad	CENS Bengaluru	2:30-3:10 pm	KN4: <i>A Chemist's Perspective on Nanomaterial Synthesis: How to Bridge the Gap Between Laboratory and Market?</i>
7. Prof. K S Narayan	JNCASR Bengaluru	3:10-3:50 pm	KN5: <i>Biophysics of Avian Retina and Light Induced Actuation of Liquid Metal Films.</i>
8. Prof. Sampa Saha	IIT Delhi	3:50-4:20 pm	IL3: <i>Anisotropic Colloidal Surfactants and their Applications in Water Remediation.</i>

Tea

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Poster Session: 4:20 - 6:30 pm

Banquet Dinner: 7.30-10:30 pm

* Via Virtual Mode

KN – Keynote Address (35 + 5 mins); & **IL – Invited Lecture** (25 + 5 mins);

Zoom link ID (Only for Virtual Mode): <https://zoom.us/j/92317576922>

Meeting ID: 923 1757 6922

Passcode: 143626



SAIS Symposium 2024, 2nd March



Speaker	Affiliation	Time	Title
Session 4: Chair- Dr. Anindita Das, SAIS, IACS			
9. Prof. Yutaka Wakayama *	NIMS, Japan	10:00-10:40 am	KN 6: <i>Multi-functional Logic Circuits for a New Frontier of Organic Electronics.</i>
10. Prof. Pachaiyappan Rajamalli	IISc Bengaluru	10:40- 11:10 am	IL4: <i>Universal Thermally Activated Delayed Fluorescence Emitters for both Doped and Non-Doped Organic Light Emitting Diodes.</i>
Tea Break: 11:10-11:30 am			
Session 5: Chair Prof. Suhrit Ghosh, SAIS, IACS			
11. Dr. Ayyappanpillai Ajayaghosh	CSIR-NIIST, Trivandrum	11:30–12:10 pm	KN7: <i>Chemistry of Stimuli Responsive Smart Windows.</i>
12. Prof Kiran R Gore	IIT Kharagpur	12:10-12:40 pm	IL5: <i>Improving Gene Silencing Activity Through Combination of 2'-Fluoro and 4'-C-Acetamidomethyl-2'-O-Methoxyethyl Modified Small Interfering RNAs.</i>
13. Prof. Neelanjana Sengupta	IISER, Kolkata	12:40 -1:10 pm	IL6: <i>Expectation Maximised Molecular Dynamics: An Unsupervised Machine Learning Approach towards Rapid Estimation of Biomolecular Transition Barriers.</i>
Vote of Thanks & Concluding Remarks: 1:10-1:30 pm			
Lunch Break: 1:30 -3:00 pm			
Departure: 3.30 pm			