

Date: Thursday, October 4, 2018

AS = Academia Sinica

IIT Delhi = Indian Institute of Technology Delhi

Time	Program	
08:45 – 09:30	Registration	
09:30 – 09:50	Opening Remarks (Conference Room 1) Dr. Yi-Juang Chern, Director, Department of International Affairs, AS Dr. V. Ramgopal Rao, Director, IIT Delhi	
09:50 – 10:00	Group Photo (Conference Room 1)	
Morning Session		
Session A	Life Sciences (Conference Room 1)	Mathematics and Physical Sciences (Conference Room 2)
Moderator	Dr. Dennis W Hwang (黃聖言) Assistant Research Fellow Institute of Biomedical Sciences, AS	Dr. Chii-Dong Chen (陳啟東) Research Fellow Institute of Physics, AS
10:00-10:20	Dr. Wen Chang (張雯) Research Fellow Institute of Molecular Biology, AS Topic: Vaccinia Viral A26 Protein is a Fusion Suppressor for Mature Virus	Dr. Chao-Ping Hsu (許昭萍) Research Fellow Institute of Chemistry, AS Topic: Charge-Transfer Excitons and Frenkel Excitons in Linked Pantacene Dimers: Influences for Singlet Fission and Triplet-Triplet Annihilations
10:20 – 10:40	Dr. Manidipa Banerjee Associate Professor Kusuma School of Biological Science, IIT Delhi Topic: Disassembly Intermediates of a Non-Enveloped Virus Indicate the Molecular Pathway of Genome Release	Dr. Chun-Hong Kuo (郭俊宏) Assistant Research Fellow Institute of Chemistry, AS Topic: Architectural Design of Bimetallic Au-Pd Nanocrystals toward Utilization of Visible Light Energy for Sensing and Catalysis
10:40 – 11:00	Dr. Sheau-Yann Shieh (謝小燕) Research Fellow Institute of Biomedical Sciences, AS Topic: CHK2-Mediated Regulation of PARP1 in Oxidative DNA Damage Response	Dr. Sameer Sapra Professor Department of Chemistry, IIT Delhi Topic: Semiconductor Nanoheterostructures for Harvesting Solar Energy

11:00 – 11:20	Break	
Session B	Life Sciences (Conference Room 1)	Mathematics and Physical Sciences (Conference Room 2)
Moderator	Dr. Sheau-Yann Shieh (謝小燕) Research Fellow Institute of Biomedical Sciences, AS	Dr. Jer-Lai Kuo (郭哲來) Research Fellow Institute of Atomic and Molecular Sciences, AS
11:20 – 11:40	Dr. Ritu Kulshreshtha Associate Professor Department of Biochemical Engineering and Biotechnology, IIT Delhi Topic: MicroRNAs in Cancer: Biomarkers and Therapeutic Targets	Dr. Lee-Wei Yang (楊立威) Professor Department of Life Science, National Tsing Hua University Topic: Find and Drug Allosteric Sites Using First-Principle-Based Simulations and Data Driven Approaches
11:40 – 12:00	Dr. Dennis W Hwang (黃聖言) Assistant Research Fellow Institute of Biomedical Sciences, AS Topic: Acidosis Imaging of Skeletal Muscles by Chemical Exchange Saturation Transfer (CEST) Imaging	Dr. Sayan Ranu Assistant Professor Department of Computer Science and Engineering, IIT Delhi Topic: Route Recommendations for Idle Taxi Drivers
12:00 – 12:20	Dr. Anup Singh Assistant Professor Center for Biomedical Engineering, IIT Delhi Topic: Multiparametric MRI for Diagnosis of Cancer and Follow-Up of Treatment Response	Dr. Mi-Yen Yeh (葉彌妍) Associate Research Fellow Institute of Information Science, AS Topic: Mining Big Data
12:20 – 13:40	Lunch	
Afternoon Session		
Session C	Life Sciences (Conference Room 1)	Mathematics and Physical Sciences (Conference Room 2)
Moderator	Dr. Shang-Te Danny Hsu (徐尚德) Associate Research Fellow Institute of Biological Chemistry, AS	Dr. Mi-Yen Yeh (葉彌妍) Associate Research Fellow Institute of Information Science, AS
13:40 – 14:00	Dr. Rita Pei-Yeh Chen (陳佩燁) Research Fellow	Dr. Mausam Associate Professor

	Institute of Biological Chemistry, AS Topic: Peptide Therapy for the Prevention of Alzheimer's Disease	Department of Computer Science and Engineering, IIT Delhi Topic: Knowledge-Bases: Extraction, Inference & Applications
14:00 – 14:20	Dr. Bishwajit Kundu Associate Professor Kusuma School of Biological Science, IIT Delhi Topic: Prion Protein Transcription is Auto-Regulated through Dynamic Interactions with G-Quadruplex Motifs in its Own Promoter	Dr. Jer-Lai Kuo (郭哲來) Research Fellow Institute of Atomic and Molecular Sciences, AS Topic: Multi-Model Molecular Modeling Methods
14:20 – 14:40	Dr. Pei-Wen Hsiao (蕭培文) Research Fellow Agricultural Biotechnology Research Center, AS Topic: Toward Precision Medicine for an Aggressive Subtype of Prostate Cancer	Dr. Hemant Kumar Kashyap Assistant Professor Department of Chemistry, IIT Delhi Topic: Understanding Capillary Evaporation of Ionic Liquids in Nanoscale Solvophobic Confinement via Molecular Dynamics Simulations
14:40 – 15:00	Break	
Session D	Life Sciences (Conference Room 1)	Mathematics and Physical Sciences (Conference Room 2)
Moderator	Dr. Rita Pei-Yeh Chen (陳佩燁) Research Fellow Institute of Biological Chemistry, AS	[TBD]
15:00 – 15:20	Dr. Archana Chugh Associate Professor Kusuma School of Biological Sciences, IIT Delhi Topic: Cell Penetrating Peptides as Versatile Nanocarriers	Dr. Chii-Dong Chen (陳啟東) Research Fellow Institute of Physics, AS Topic: Interactions between Superconducting Qubits, Graphene Optoelectromechanical Oscillators and Microwave Photons
15:20 – 15:40	Dr. Shang-Te Danny Hsu (徐尚德) Associate Research Fellow Institute of Biological Chemistry, AS Topic: The Benefit of Tying a Knot from a Protein's Perspective	Dr. Pranaba Kishor Muduli Assistant Professor Department of Physics, IIT Delhi Topic: Spin Transfer and Spin-orbit Torques in Magnetic Multilayers

<p>15:40 – 16:00</p>	<p>Dr. Tapan Chaudhuri Professor and Head Kusuma School of Biological Sciences, IIT Delhi</p> <p>Topic: Stepping towards Solving the Puzzle of Multi-Domain Protein Folding: Refolding Studies with <i>Escherichia Coli</i> Protein Malate Synthase G</p>	
<p>16:00 – 16:30</p>	<p>General Discussion and Closing Remarks (Conference Room 1)</p>	
<p>16:30 – 17:00</p>	<p>Networking Reception (Conference Room 1)</p>	