

7th January, 2024

8:00 – 11:00	Registration		
11:00 – 11:15	Opening Session Prof. Somdatta Ghosh Dey, IACS and Prof. Samaresh Mitra, TIFR (retired)		
11:15-12:00	Plenary Lecture: Metal complexes in biological environments: a new frontier in inorganic chemistry Clotilde Policar , PSL University, France (Phoenix I and II)	Session chair: Prof. A.R Chakravarty, IISc	
12:00-12:45	Plenary Lecture: Illuminating the cell biology of zinc Amy Palmer , University of Colorado, Boulder (Phoenix I and II)		
12:45 – 13:45	Lunch		
13:45 – 16:15	Sensing (Phoenix I)	Session in Honour of Kenneth Raymond (Phoenix II)	Approaches for Cancer Therapy (Galaxy)
	Chair: Gautam Lahiri	Chair: Andrew Borovik	Chair: Christian Hartinger
	Pradip Mascharak (KL) Emily L. Que (KL) Jaeheung Cho (IL) Chandan Mukherjee (IL) R. Mayilmurugan (IL) Krishna Bhabak (IL) Alivia Mukherjee (OL)	Paul Walton (KL) Ankona Dutta (KL) P.S. Mukherjee (KL) Lena Daumann (KL) Vincent Pecoraro (KL)	Arindam Mukherjee (KL) Arumugam Kuppuswamy (IL) Asish Patra (IL) Sanjay Mandal (IL) Pijus Sasmal (IL) Rupam Dinda (IL) Subhendu Karmakar (OL) Parna Gupta (OL)
16:15 – 16:45	Tea break		
16:45 – 17:30	Plenary Lecture: Using Theoretical Spectroscopy in (Bio)Inorganic Chemistry Frank Neese , MPI, Mulheim, Germany (Phoenix I and II)	Session Chair: Prof. S. Bhattacharya	
17:30 – 18:15	Plenary lecture: Metalloenzyme megacomplexes involved in the hydrogenotrophic methanogenic pathway Seigo Sima , MPI, Marburg, Germany (Phoenix I and II)		
18:30 – 20:00	Poster Session I		
20:00 -	Opening dinner		

8th January, 2024

9:00 – 9:45	Plenary Lecture: Metal-Oxygen Intermediates in Dioxygen Activation and Formation Reactions Wonwoo Nam , Ewha Womans University, South Korea (Phoenix I and II)		Session chair: Prof. Shyamalava Mazumdar, TIFR
9:45 – 10:30	Plenary Lecture: Chemical Functions of Oxidation Active Species on Metal Complexes Shinobu Itoh , Osaka University, Japan (Phoenix I and II)		
10:30-11:00	Tea break		
11:00 – 13:30	Artificial metalloenzymes and Bio-inspired mimics (Phoenix I)	Spectroscopy and Dynamics (Phoenix II)	Approaches for Cancer Therapy (Galaxy)
	Chair: Seigo Sima	Chair: Carole Duboc	Chair: Arindam Mukherjee
	Takashi Hayashi (KL) Anabella Ivancich (KL) Kara Bren (KL) Osami Soji (IL) Alexandria Deliz Liang (IL) Patricia Rodriguez-Macia (IL)	Nick Cox (KL) Lisa Olshansky (IL) Sean Eliot (IL) Thomas Lohmiller (IL) Daniel SantaLucia (OL) Soumya Ghosh (OL)	Christian Hartinger (KL) Nils Metzler-Nolte (KL) Justin Wilson (IL) Malay Patra (IL) Guangyu Zhu (IL) Priyankar Paira (OL) Samya Banerjee (OL) Dulal Musib (OL) Riya Ghanti (OL)
13:30 – 14:30	Lunch		
14:30 – 16:50	Metalloproteins (Phoenix I)	Electronic structure (Phoenix II)	Chemical Science Symposium (Galaxy)
	Chair: Kara Bren	Chair: Nick Cox	Chair: Serena DeBeer
	Michael T. Green (KL) Jason Shearer (KL) Joshua Telsner (IL) P Carver (IL) Ankur Gupta (IL) Dabasis Das (IL) Chandradeep Ghosh (OL)	Gautam Lahiri (KL) Prashanta Ghosh (IL) Gopalan Rajaraman (IL) Wesley Browne (IL) Apparao Draksharapu (IL) Siddhant Dhingra (OL) Sanjib Ganguly (OL) Ravi Kumar (OL)	Jitendra K. Bera (KL) Dibyendu Das (KL) Debabrata Maiti (KL) Pradyut Ghosh (KL)
16:50 – 17:15	Tea break		
17:15 – 18:00	Plenary Lecture: Inspired by Nitrogenase: Dihydride Complexes for the H ₂ -Releasing Reductive Activation of Challenging Substrates Franc Meyer , University of Gottingen, Germany (Phoenix I and II)		Session chair: V. Chandrasekhar, IIT Kanpur
18:00 – 18:45	Plenary Lecture: Bio-inspired catalyst design for small molecule activation in multi-electron reduction processes Carole Duboc , University of Grenoble-Alpes, France (Phoenix I and II)		
19:00 – 20:30	Poster session II		

9th January, 2024

9:00 – 9:45	Plenary Lecture: Rational design of the active site in bacterial Cytochrome P450 Shyamalava Mazumdar , TIFR Mumbai (Phoenix I and II)		Session chair: M. Palaniandavar
9:45-10:00	Tea break		
10:00 – 12:00	Bio-inspired catalysis (Phoenix I)	CO₂ Reduction (Phoenix II)	Chemical Science Symposium (Galaxy)
	Chair: Pradyut Ghosh	Chair: Ally Aukauloo	Chair: Vincent Artero
	Sankar Rath (KL) C.V. Sastri (KL) Way-Zen Lee (IL) Christian Goldsmith (IL) Christian Limberg (IL) Evelina Venckute (OL)	Marc Robert (KL) Ulf-Peter Apfel (IL) Charles McRory (IL) Idan Hod (IL) Ayan Datta (IL) Subal Dey (OL)	Sayam Sengupta (KL) Mi Hee Lim (KL) Liviu Mirica (KL) Timothy Storr (KL)
12:00-13:00	Group photo session (open air space in Capella, 20th floor)		
13:00 – 14:00	Lunch		
14:00 – 16:30	Bio-inspired catalysis (Phoenix I)	Bio-inspired Catalysis (CO₂/NO₂) (Phoenix II)	Bio-inorganic chemistry of Cu (Galaxy)
	Chair: Takahiko Kojima	Chair: Marc Robert	Chair: Liviu Mirica
	David Goldberg (KL) Bas de Bruin (IL) Shiyu Zhang (IL) Joyanta Choudhury (IL) Soumyajit Roy (IL) Nanda Paul (OL) Sudha Yadav (OL) Debashis Adhikari (OL) Nipa Chongdar (OL)	Ally Aukauloo (KL) Smaranda Marinescu (IL) Takehiro Ohta (IL) Regina Trevino (IL) Pankaj Kumar (IL) Pokhraj Ghosh (OL) Uttam Ghorai (OL)	Peter Faller (KL) Isabel Moura (IL) George E Cutsail III (IL) Jalila Simaan (IL) Kaushik Ghosh (IL) Anuj K Sharma (OL) M. Murali (OL) V. Rajendiran (OL) Tanmoy Saha (OL)
16:30 – 17:00	Tea break		
17:00 – 17:45	Plenary Lecture: Geometric and Electronic Structural Contributions to Fe/O ₂ Reactivity: Correlations between metalloenzyme and heterogeneous catalysis Edward Solomon , Stanford University, USA (Phoenix I and II)		Session chair: Prof. R.N. Mukherjee, IIT Kanpur
17:45 – 18:30	Plenary Lecture: Twists and Turns in Exploring the Reactivity of Nonheme Fe ^{IV} =O Complexes: How Critical Is the Iron Spin State? Lawrence Que Jr. , University of Minnesota, USA (Phoenix I and II)		
18:30 onwards	Banquet Dinner Chief Guest: Vinod K Singh, IIT Kanpur Musical performance by “Desi Beats” Surprising guest-performances Byyou’ll have to wait and see 😊		

10th January, 2024

9:00 – 9:45	Plenary Lecture: Bioinspired Fe(IV)-oxido complexes: controlling proton/electron transfer and spin states within mono- and binuclear systems Andrew Borovik , UC Irvine, USA (Phoenix I and II)		Session chair: Prof. R. Gupta, University of Delhi
9:45 – 10:30	Plenary Lecture: 3D Domain Swapping of Metalloproteins: Basics and Recent Development Shun Hirota , NAIST, Japan (Phoenix I and II)		
10:30-11:00	Tea break		
11:00 – 13:00	2nd sphere in bio-inspired catalysis (Phoenix I)	Nitrogen and its oxides (Phoenix II)	Bio-Inspired Catalysis (O₂) (Galaxy)
	Chair: Jalila Siman	Chair: Jose Moura	Chair: Franc Meyer
	Vincent Artero (KL) Arnab Dutta (IL) Raja Angamuthu (IL) James A. Birrell (IL) Gustav Berggren (IL) Suman K Barman (OL)	Kyle M Lancaster (KL) Timothy Warren (KL) Cyrille Costentin (IL) Tsai-Te Lu (IL) Subrata Kundu (IL) Michael O. Lengel (OL)	Tapan K Paine (KL) Kallol Ray (KL) Thierry Tron (IL) Ankan Paul (IL) Karuppasamy Sundaravel (OL) Bittu Chandra (OL) M. Sankarlingam (OL)
13:00 – 14:00	Lunch		
14:00 – 16:00	Bio-inspired catalysis (Phoenix I)	CO/CO₂ (Phoenix II)	O₂ (making and breaking) (Galaxy)
	Chair: RN Mukherjee	Chair: Kallol Ray	Chair: Gary Brudvig
	Julie Kovacs (KL) Amit Majumdar (IL) Ebbe Norlander (IL) Takahiko Kojima (IL) Gayan Wijeratne (IL) Sagnik Chakrabarti (OL)	Stephen W. Ragsdale (KL) Jose J. Moura (IL) Maria Romao (IL) Sven T. Stripp (IL) Kushal Sengupta (IL) Ayan Bera (OL)	Antoni Llobet (KL) Sukanta Mandal (IL) Galia Maayan (IL) Charles W Machan (IL) Biswajit Mondal (IL)
16:00 – 16:30	Tea break		
16:30 – 17:15	Plenary Lecture: Advanced spectroscopic studies of C-H bond activating enzymes and molecular Catalysts Serena DeBeer , MPI-CEC, Germany (Phoenix I and II)		Session chair: Prof. S. Das, Jadavpur University
17:15 – 18:00	Plenary Lecture: Coordination Design of Protein Assemblies from Cage to Crystal Takafumi Ueno , Tokyo Institute of Technology, Japan (Phoenix I and II)		
18:30 – 20:00	Poster session III		

11th January, 2024

9:00 – 9:45	Plenary Lecture: Nitrogenase: Redox Catalysis out of Bounds Oliver Einsle , University of Freiburg, Germany (Phoenix I and II)		Session chair: Prof. P. K. Bharadwaj
9:45 – 10:30	Plenary Lecture: Structure-Function Studies of the O ₂ - Evolving Complex in Photosystem II from Synechocystis sp. PCC 6803 Gary Brudvig , Yale University, USA (Phoenix I and II)		
10:30-11:00	Tea break		
11:00 – 13:00	Metal-Clusters (Phoenix I)	Metals in Environment (Phoenix II)	Metal Regulation (Galaxy)
	Chair: Chandan Mukherjee	Chair: A. Majumdar	Chair: Shinobu Itoh
	Theodore Agapie (KL) Victor Mougel (IL) Bènèdicte Burlat (IL) Rabindra K Behera (IL) Aniket Vartak (IL) Manas Panda (OL)	Eva Freisinger (KL) Pabitra Chatterjee (IL) Gouriprasanna Roy (IL) Sayantan Paria (IL) Soumen K Manna (IL)	Pascale Delangle (KL) Roland K. O. Sigel (IL) Ritika Gautam (IL) Avishek Das (IL) Nikhil Malvankar (IL) Arnab K Nath (OL)
13:00 – 14:00	Closing session with poster awards (Phoenix I and II)		
14:00	Lunch and departure		

Speaker Instructions SABIC 2024:

The conference has a very packed program, and the organizers request the speakers to finish their lecture within the allotted time.

Length of lectures:

Plenary lectures: 45 minutes total time and no questions

Keynote lectures: Total 28 minutes - 22-25 minutes lecture time and 2 to 3 minutes of questions.

Invited lectures: Total 22 minutes - 18-20 minutes of lecture time and 2 minutes of questions.

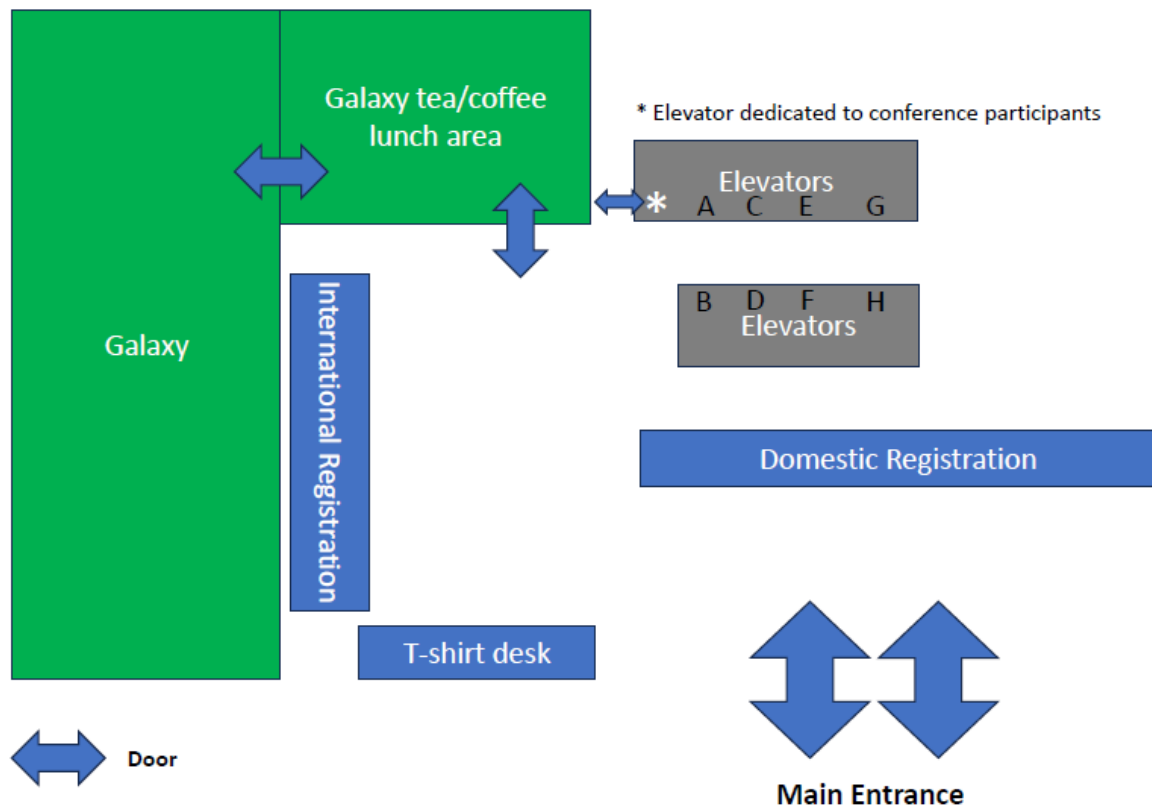
Oral Presentation: Total 10 minutes - 8 minutes of lecture time and 2 minutes of questions.

Lecture upload:

Speakers have the option of either using their own laptops or uploading their lectures on the laptop provided by the organizers. Given the tight schedule of the symposium, the organizers request that the speakers upload and preview their lectures during the breaks (lunch/tea) preceding the respective sessions. The consoles for uploading the lectures will be available in every room and there will be room volunteers wearing red badges to assist you with this.

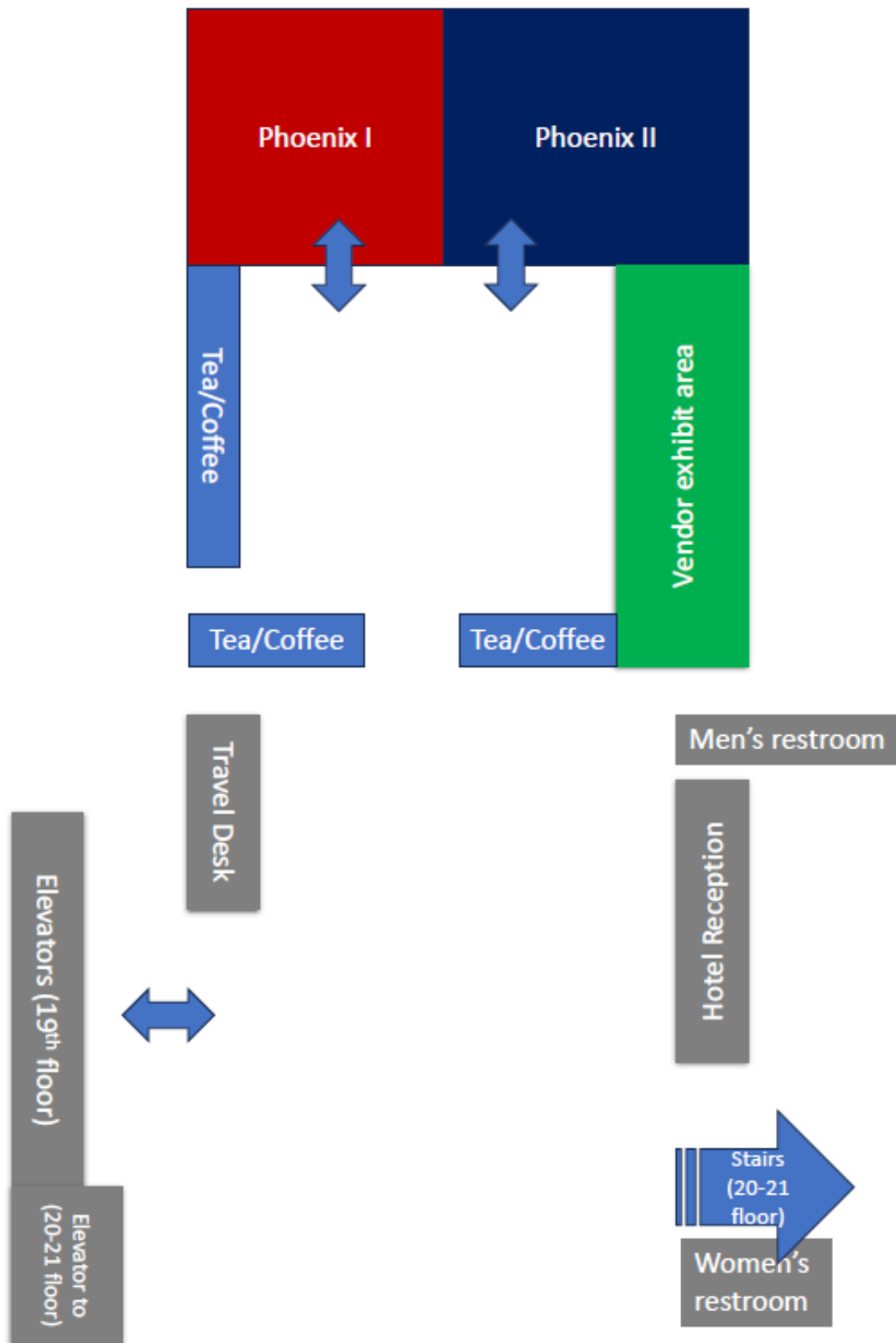
Laser pointers and slide changers will be provided to you during your lecture.

Floor plan: Ground Floor



- There are eight elevators (A-H) which can be used to go to the 19th floor (type 19 in the key pad). These serve other floors of the building as well. There is one elevator dedicated for the conference floor (19th floor).
- There are restrooms next to the Galaxy pre-function area where tea and coffee will be served.
- The registration and T-shirt desks will be moved up to the 19th floor after 11 am on the 7th of January.

Floor plan: 19th Floor (I, seminar area)



Floor plan: 19th Floor (II, poster area)

