

## NATIONAL SCIENCE (VIJYOSHI) CAMP-2015, 16 – 18 December 2015

Purbashree Auditorium, EZCC, Salt Lake, Kolkata

### PROGRAMME

#### Tuesday, 15 December 2015

Registration of participants at  
**IISER Kolkata Guest House,**  
**DC-35/1, Sector-I, Salt Lake**  
**Kolkata - 700 064**  
Time: 3 pm to 8:30 pm

#### Wednesday, 16 December 2015

7.00 AM – 8.00 AM		Breakfast
8.00 AM		Leave for Purbashree Auditorium, EZCC
<b>8:30 AM – 9:30 AM</b>		<b>Registration at the venue</b>
9.30 AM – 10.00 AM		Inaugural Ceremony
10.00 AM – 10.30 AM		High Tea
10.30 AM – 11.50 AM	<b>Lecture 1</b>	Prof. Rudi van Eldik Title: Understanding Inorganic/Bioinorganic Reactions in Solution. From Fundamental Studies to Practical Applications Chair: Prof. Samaresh Bhattacharyya (JU)
11.50 AM – 1.10 PM	<b>Lecture 2</b>	Prof. Jainendra Jain Title: The Incredible Story of Superconductivity: From Discovery to Applications Chair: Prof. Amitava Patra (IACS)
1.10 PM – 2.30 PM		Lunch
2.30 PM – 3.50 PM	<b>Lecture 3</b>	Prof. Laurie J. Butler Title: From Quantum Mechanics to Atmospheric Chemistry: Probing Radical Intermediates of Bimolecular Reactions Chair: Dr. Pradipta Purkayastha (IISER Kolkata)
3.50 PM – 4.10 PM		Tea
4.10 PM – 5.30 PM	<b>Lecture 4</b>	Prof. Bimal Roy Title: Interplay among Combinatorics, Statistics & Cryptology Chair: Prof. Prasanta Panigrahi (IISER Kolkata)
5.30 PM – 6.50 PM	<b>Lecture 5</b>	Prof. Anant K. Menon Title: Fat and Fabulous: How Cells Make their Oily Skins Chair: Dr. Pijush K. Das (IICB)
7.00 PM		Leave for accommodation venues
8.00 PM – 10.00 PM		Dinner

## Thursday, 17 December 2015

7.00 AM – 8.00 AM		Breakfast
8.00 AM		Leave for Purbashree Auditorium, EZCC
9.00 AM – 10.20 AM	<b>Lecture 6</b>	Prof. Raghu Kalluri Title: New Advances in the Diagnosis and Control of Cancer Chair: Prof. Abhijit Chakrabarti (SINP)
10.20 AM – 10.40 AM		Tea
10.40 AM – 12.00 Noon	<b>Lecture 7</b>	Prof. Dipankar Chatterji Title: Regulation of Gene Expression Under Stress: Action at a Distance Chair: Prof. Santanu Bhattacharya (IACS)
12.00 Noon – 12.15 PM		Group Photo Session
12.15 PM – 1.30 PM		Lunch
1.30 PM – 2.50 PM	<b>Lecture 8</b>	Prof. Amit Basak Title: Role of Reactive Intermediates In Drug Discovery Process Chair: Prof. Pradyut Ghosh (IACS)
2.50 PM – 4.10 PM	<b>Lecture 9</b>	Prof. Amol Dighe Title: The Changing Flavours of Neutrinos: Journey to Physics Nobel 2015 and Beyond Chair: Prof. Samit Chattopadhyay (IICB)
4.30 PM		Tea
6.00 PM – 7.00 PM		Cultural Programme
7.15 PM		Leave for Land Lake Country Club Resort, Santragachhi for Special Dinner
8.15 PM – 10.00 PM		Special Dinner for speakers, students, officials and invited guests

## Friday, 18 December 2015

7.00 AM – 9.00 AM		Leave from Salt Lake to reach IISER Kolkata, Mohanpur
9.00 AM – 10.30 AM		Glimpse of IISER Kolkata / Laboratory visits
10.45 AM		Leave for Purbashree Auditorium, EZCC
12.45 PM – 1.45 PM		Lunch at Purbashree Auditorium, EZCC
2.00 PM – 3.20 PM	<b>Lecture 10</b>	Prof. Michelle Simmons Title: The Future of Computing Chair: Prof. Ashutosh Ghosh (CU)
3.20 PM – 4.40 PM	<b>Lecture 11</b>	Prof. Partha P. Majumder Title: Magic Bullets: No Longer so Magical Chair: Prof. Jayasri Das Sarma
4.40 PM – 5.00 PM		Tea
5.00 PM – 6.20 PM	<b>Lecture 12</b>	Prof. Indranil Manna Title: Materials Science Engineering and Technology – Challenges and Opportunities Chair: Prof. Asok K. Mallik (IEST)
6.30 PM – 7.00 PM		Concluding Ceremony: Students' / Speakers' Feedback
7.00 PM		Leave for accommodation venues / airport / railway station

