

Science Academies Lecture Workshop on `Recent Advances in Physics`

10th & 11th February (Fri & Sat) 2017 at St Xavier's College, Kolkata

PROGRAMME DETAILS

Day 1: Feb 10 (Friday), 2017 (Room No 15)

Inauguration: 10.00 AM – 10.30 AM

10.00 AM: MC announces the arrival of the dignitaries and call them to stage: Opening Song

10.05 AM: Convener addresses

10.10 AM: Fr. Principal addresses

10.20 AM: Vote of Thanks: Coordinator

10.25 AM: Break for High Tea

Session I: 10.30 AM - 12.50 PM:

Lecture 1: 10.30 AM - 11.30 AM: "Organic Semiconductors to Organic Electronics" Prof. Amlan J. Pal, [F.A.Sc](#), IACS, Kolkata

11.30 AM - 11.40 AM: Student Interaction

Lecture 2: 11.40 AM - 12.40 PM: `Magnetization Dynamics: from Theory to Experiment - I` Prof. Anjan Barman, SNBNCBS, Kolkata

12.40 PM – 12.50 PM: Student Interaction

Lunch Break: 12.50 PM – 1.30 PM

Session II: 1.30 PM - 4.00 PM:

Lecture 3: 1.30 PM – 2.30 PM: ``Magnetization Dynamics: from Theory to Experiment - II` Prof. Anjan Barman, SNBNCBS, Kolkata

2.30 PM – 2.40 PM: Student Interaction

2.40 PM – 2.50 PM : Tea

Lecture 4: 2.50 PM - 3.50 PM: "Glimpses on Recent Trends in Statistical Physics" Prof. Subinay Dasgupta, University of Calcutta, Kolkata

3.50 PM – 4.00 PM: Student Interaction & End of Session II

Day 2: Feb 11 (Saturday), 2017 (Room No 15)

Session III: 9.30 AM - 1.00 PM:

Lecture 5: 9.30 AM – 10.30 AM “Computational modeling of mitosis " Dr. Raja Paul, IACS, Kolkata

10.30 AM - 10.40 AM: Student Interaction

Lecture 6: 10.40 AM - 11.40 AM: “Physical Chemistry in a Single Live Cell: Confocal Microscopy " Prof. Kankan Bhattacharya , [F.A.Sc](#), IACS, Kolkata

11.40 AM - 11.50 AM: Student Interaction

Lecture 7: 11.50 AM - 12.50 PM: “Lasers at the Frontiers of Science & Technology’ – Prof D. N. Bose, [F.A.Sc](#), Emeritus Professor, St Xavier’s College, Kolkata

12.50 PM – 1.00 PM: Student Interaction

Lunch Break: 1.00 PM – 1.30 PM

Session IV: 1.30 PM - 4.00 PM:

Lecture 8: 1.30 PM – 2.30 PM: The Quantum and the Continuum: Einstein's Dichotomous Legacies' Prof. Partha Sarathi Mazumdar, RKMVU, Belur

2.30 PM – 2.40 PM: Student Interaction

2.40 PM – 2.50 PM: Tea

Lecture 9: 2.50 PM - 3.50 PM: A Black Hole Entropy Perspective on Neutron Star Masses': Prof. Partha Sarathi Mazumdar, RKMVU, Belur

3.50 PM – 4.00 PM: Student Interaction & End of Session IV

4.00 PM: Feedback Session & Valedictory followed by Tea

Convener: Prof D N Bose Coordinator: Prof. Subhankar Ghosh MC: Prof. Gayatri Banerjee

Physics Dept. SXC, Kolkata