

Programme Schedule

PAMRM - 2015

March 18, 2015 (Wednesday)

All lectures will be held at Platinum Jubilee Auditorium, ISI, Kolkata

Time	Event	
09:00-10:15	Registration	
09:00-10:15	High Tea	
10:15-10:30	Inauguration	
Session-I [10:30-12:45] Session Chair: Muthusamy Lakshmanan		
Time	Speaker	Title
10:30-11:45	Somshubhro Bandyopadhyay	LOCC discrimination of quantum states
11:45-12:05	Vishakh Hedge	Unextendible mutually unbiased bases in prime-squared dimensions
12:05-12:25	Ajoy Sen	Aspects of local quantum uncertainty
12:25-12:45	Papri Saha	On the properties of Memristive Lorentz equation
Session-II [12:45-13:25] (Ground floor of A. N. Kolmogorov Bhavan)		
Poster Presentation [Poster # 01 - 11]		
Lunch [13:25-14:45] (Guest House)		
Session-III [14:45-16:45] Session Chair: Indrani Bose		
Time	Speaker	Title
14:45-16:00	Muthusamy Lakshmanan	Nonlinear physics and nanoferrromagnetism
16:00-16:20	Mayurakshi Nag	Design of multistable systems via partial synchronization
16:20-16:45	Bidesh Kumar Bera	Role of repulsive delay in the mechanism of death scenario
Tea [16:45-17:00]		
Session-IV [17:00-18:35] Session Chair: Somshubhro Bandyopadhyay		
Time	Speaker	Title
17:00-18:15	Indrani Bose	Criticality in the living cell
18:15-18:35	Sourav Kundu	Localization phenomenon in a DNA double helix structure

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March 19, 2015 (Thursday)

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Time	Event	
10:00-10:30	Tea	
Session-I [10:30-12:45] Session Chair: Supratik Pal		
Time	Speaker	Title
10:30-11:45	Janaki Sita Mylavarapu	Plasma confinement in magnetic fields
11:45-12:05	Kabita Sarkar	Discriminating phantom dark energy and cosmological constant using gravitational lensing
12:05-12:25	Bikashkali Midya	Accurate nucleon-nucleon interaction potential from supersymmetric inverse scattering
12:25-12:45	Souvik Pramanik	Cosmic dynamics of a non-minimally coupled scalar field system in the light of GUP
Session-II [12:45-13:25] (Ground floor of A. N. Kolmogorov Bhavan)		
Poster Presentation [Poster # 12 - 22]		
Lunch [13:25-14:45] (Guest House)		
Session-III [14:45-16:45] Session Chair: Banasri Basu		
Time	Speaker	Title
14:45-16:00	Krishnendu Sengupta	Aspects of non-equilibrium dynamics in closed quantum system
16:00-16:20	Debasree Choudhury	Spin related issues in electron vortex beams
16:20-16:45	Varalaxmi Narla	Composite materials for microinductor applications
Tea [16:45-17:00]		
Session-IV [17:00-18:35] Session Chair: Krishnendu Sengupta		
Time	Speaker	Title
17:00-18:15	Gautam Bhattacharyya	The so-called God particle: An incredible journey of mankind
18:15-18:35	Pooja Goyal	Structural, electronic and optical properties of B, N and B/N doped graphene
Special Dinner [19:30] (Guest House)		

Programme Schedule

PAMRM - 2015

March 20, 2015 (Friday)

All lectures will be held at Platinum Jubilee Auditorium, ISI, Kolkata

Time	Event	
10:00-10:30	Tea	
<i>Session-I [10:30-13:25] Session Chair: Soumitra Sengupta</i>		
Time	Speaker	Title
10:30-11:45	Subhash Chaturvedi	Entanglement in continuous variable systems: A brief overview
11:45-12:05	Priyanka Chowdhury	Quantum steering in continuous variable systems
12:05-12:25	Arup Roy	Relation between joint measurability, steering and Tirlson bound
12:25-12:45	Biplab Pal	Controlled engineering of bands of extended electronic states in a class of topologically disordered and quasiperiodic lattices
12:45-13:05	T. Sriraman	Effect of radial anharmonic trapping on the stability of dipolar Bose-Einstein condensate
13:05-13:25	Subhas Khajanchi	Mathematical modeling to elucidate brain tumor abrogation by immunotherapy with T11 target structure
Lunch [13:25-14:30] (Guest House)		
<i>Session-II [14:30-16:25] Session Chair: Subhash Chaturvedi</i>		
Time	Speaker	Title
14:30-15:45	Soumitra Sengupta	Gravity beyond Einstein - a brief survey
15:45-16:05	Debasis Mondal	Generalized Fubini-Study metric and Fisher information metric
16:05-16:25	Samyadeb Bhattacharya	Comparison of decoherence and Zeno dynamics for a two level atom traversing through a squeezed vacuum
Tea [16:25-16:40]		

Please see overleaf !

<i>Session-III [16:40-18:20]</i>		<i>Session Chair: Indrani Bose</i>
<i>Time</i>	<i>Speaker</i>	<i>Title</i>
<i>16:40-17:00</i>	<i>Kartick Ch. Dey</i>	<i>Effect of lateral fluoro-substitution on properties of orthoconic antiferroelectric liquid crystal</i>
<i>17:00-17:20</i>	<i>Saronath Halder</i>	<i>Entanglement cost of distinguishing GHZ basis</i>
<i>17:20-17:40</i>	<i>K. Manikandan</i>	<i>Manipulating localized matter rogue waves in two-component Bose-Einstein condensates</i>
<i>17:40-18:00</i>	<i>C. Jeevarathinam</i>	<i>Vibrational resonance in the duffing oscillator with a integrative time-delayed feedback</i>
<i>18:00-18:20</i>	<i>Saikat Saha</i>	<i>Non-Newtonian and Non-Fourier rheology of sheared granular fluid</i>
<i>Valedictory [18:20-18:30]</i>		