

### **Inauguration**

**Monday, December 8, 2014**

Venue: Science Seminar Complex, BHU, Varanasi

<b>9:00 Hrs -- 10:00 Hrs</b>	<b>Inauguration</b>
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### **Session I**

<b>10:00 Hrs – 10:30 Hrs</b>	Asis Chaudhuri (VECC) Hydrodynamical modeling for Relativistic Heavy Ion Collisions
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### **High Tea**

#### **Session II**

<b>11:15 Hrs – 11:45 Hrs</b>	Jhilam Sadhukhan (VECC) Microscopic calculation of spontaneous fission life time
<b>11:45 Hrs – 12:15 Hrs</b>	K. Ramachandran (BARC) Fission fragment mass distribution in the $^{13}\text{C}+^{182}\text{W}$ and $^{176}\text{Yb}$ reactions
<b>12:15 Hrs – 12:45 Hrs</b>	Monika Patial (RIT, Sweden) Microscopic description of proton emission from deformed odd-odd nuclei

### **Lunch**

<b>14:00 Hrs – 16:15 Hrs</b>	<b>Parallel Session III A</b> <b>Contributions : A1-A11</b>
<b>14:00 Hrs – 16:15 Hrs</b>	<b>Parallel Session III B</b> <b>Contributions : D1-D7, E1-E3</b>
<b>14:00 Hrs – 16:15 Hrs</b>	<b>Parallel Session III C</b> <b>Contributions : F1-F7</b>

### **Tea**

<b>16:30 Hrs – 18:30 Hrs</b>	<b>Parallel Session IV A</b> <b>Contributions : B1-B10</b>
<b>16:30 Hrs – 18:30 Hrs</b>	<b>Parallel Session IV B</b> <b>Contributions : E4-E13</b>
<b>16:30 Hrs – 18:30 Hrs</b>	<b>Parallel Session IV C</b> <b>Contributions : G1-G10</b>

**Tuesday, December 9, 2014**  
Venue: Swatantrata Bhavan, BHU  
**Session V**

<b>09:30 Hrs – 10:00 Hrs</b>	Abhay Deshpande (USA) Proton Spin in 3 Dimension
<b>10:00 Hrs – 10:30 Hrs</b>	Nilamani Mathur (TIFR) Hadron Physics from Lattice Quantum Chromodynamics
<b>10:30 Hrs – 11:00 Hrs</b>	Dipanwita Dutta (BARC) Diffractive and Exclusive production with CMS

**Tea**

<b>11:30 Hrs – 13:00 Hrs</b>	<b>Parallel Session VI A</b> <b>Contributions : B11-B18</b>
<b>11:30 Hrs – 13:00 Hrs</b>	<b>Parallel Session VI B</b> <b>Contributions : A12-A19</b>

**Lunch**

**Session VII**

<b>14:00 Hrs – 14:30 Hrs</b>	S. Kraft-Bermuth (Germany) Microcalorimeters for application in heavy ion and nuclear physics experiments
<b>14:30 Hrs – 15:00 Hrs</b>	Pragya Das (IIT, Mumbai) Triaxial nuclei: Change in axis of rotation at high spin

<b>15:00 Hrs – 16:00 Hrs</b>	<b>Parallel Session VIII A</b> <b>Contributions : A20-A26</b>
<b>15:00 Hrs – 16:00 Hrs</b>	<b>Parallel Session VIII B</b> <b>Contributions : F8-F10, B19,B20,B29</b>

**Tea**

<b>16:30 Hrs – 18:30 Hrs</b>	<b>Poster Session I</b> <b>Contributions : A47-A74, B36-B76, T1-T19</b>
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**Cultural Programme (19:00 Hrs)**

**Wednesday, December 10, 2014**

Venue: Swatantrata Bhavan, BHU

**Session IX**

<b>09:30 Hrs – 10:00 Hrs</b>	Y. Kadi (CERN) Status of the HIE-ISOLDE Project
<b>10:00 Hrs – 10:30 Hrs</b>	H. Ohkuma (Japan) Gamma-ray Source by Backward Compton Scattering at SPring-8
<b>10:30 Hrs – 10:45 Hrs</b>	S. Chopra (IUAC) Ion Accelerator Facilities at IUAC, New Delhi
<b>10:45 Hrs - 11:00 Hrs</b>	A.K. Gupta (BARC) An overview of BARC-TIFR Pelletron Accelerator Facility
<b>11:00 Hrs – 11:15 Hrs</b>	P. S. Chakrabarty (VECC) TBA
<b>11:15 Hrs – 11:30 Hrs</b>	P. K. Bajpai (GGV) Status of 3.0 MV Pelletron Accelerator at NCAR, GGV, Bilaspur

**Tea**

<b>12:00 Hrs – 12:30 Hrs</b>	Sakshi Gautam (PU) Recent calculations on multifragmentation using quantum molecular dynamics approach
<b>12:30 Hrs – 13:00 Hrs</b>	Rakesh Kumar (IUAC) Shapes and Collectivity of Sn, Te and Ba isotopes by Coulomb excitation

**Lunch**

**Session X**

<b>14:00 Hrs – 15:30 Hrs</b>	<b>Poster Session II</b> <b>Contributions :</b> A75-A102, B77-B117, T1-T19
<b>15:30 Hrs – 16:30 Hrs</b>	<b>Theses Presentations</b>

**Tea**

<b>17:00 Hrs – 18:30 Hrs</b>	<b>Poster Session III</b> <b>Contributions :</b> A103-A129, G19-G40, C1, E15-E35, F11-F20, G41-G60,
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**Thursday, December 11, 2014**  
Venue: Swatantrata Bhavan, BHU

**Session XI**

<b>09:30 Hrs – 10:00 Hrs</b>	M. Itoh (Japan) Direct $3\alpha$ decay from the Hoyle state in $^{12}\text{C}$
<b>10:00 Hrs – 10:30 Hrs</b>	Pradip Datta (SINP) From Chirality to nearly degenerate band : Context of $^{106}\text{Ag}$
<b>10:30 Hrs – 11:00 Hrs</b>	Parnika Das (VECC) Change of electron capture nuclear decay rate in different media and under compression

**Tea**

<b>11:30 Hrs – 13:00 Hrs</b>	<b>Parallel Session XII A</b> <b>Contributions : A27-A34,A45</b>
<b>11:30 Hrs – 13:00 Hrs</b>	<b>Parallel Session XII B</b> <b>Contributions : G11-G18</b>

**Lunch**

**Session XIII**

<b>14:00 Hrs – 14:30 Hrs</b>	Mala Das (SINP) Exploring the dark side of the Universe
<b>14:30 Hrs – 15:00 Hrs</b>	Debades Bandyopadhyay (SINP) Supernova Explosions: The Role of Hyperon Matter

**Friday, December 12, 2014**  
Venue: Swatantrata Bhavan, BHU  
**Session XIV**

<b>09:30 Hrs – 10:00 Hrs</b>	Samit Mandal (DU) TBA
<b>10:00 Hrs – 11:30 Hrs</b>	<b>Parallel Session XV A</b> <b>Contributions : B21-B27,B32</b>
<b>10:00 Hrs – 11:30 Hrs</b>	<b>Parallel Session XV B</b> <b>Contributions : A35-A42</b>

**Tea**

<b>12:00 Hrs – 13:00 Hrs</b>	<b>Poster Session IV</b> <b>Contributions :</b> <b>B118-B157,D8-D21,E36-E54, G61-G87</b>
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**Lunch**

**Session XVI**

<b>14:00 Hrs – 14:30 Hrs</b>	S.C. Gadkari (BARC) Development of Single Crystals for Applications in Nuclear Radiation Detection
<b>14:30 Hrs – 15:00 Hrs</b>	B.K. Singh (BHU) New developments and future perspectives of gas avalanche photomultipliers

<b>15:00 Hrs – 16:00 Hrs</b>	<b>Parallel Session XVII A</b> <b>Contributions : B28,B30-B31,B33-B35</b>
<b>15:00 Hrs – 16:00 Hrs</b>	<b>Parallel Session XVII B</b> <b>Contributions : A43-A44,A46</b>

**Tea**

<b>16:30 Hrs – 18:30 Hrs</b>	<b>Concluding Session</b>
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