

AUGUST 2016 CALL : AWARDS

JOINT CENTER

| S. No. | Proposal Title | Lead Indian PI | Lead U.S. PI |
|--------|---|---|---|
| 1. | <i>Probing Fundamental Nature of Dark Matter through upcoming 21cm Signals from Reionization Epoch</i> | Shiv Sethi Raman Research Institute, Bangalore | Marc Kamionkowski John Hopkins University, Baltimore |
| 2. | <i>Inference of Solar Variability across Scales: Connecting the Disparate Scales of Magnetism throughout the Solar Atmosphere</i> | Abhishek Kumar Srivastava Indian Institute of Technology (BHU), Varanasi | Scott W. McIntosh National Center for Atmospheric Research, Boulder |
| 3. | <i>Indo-U.S. Joint Network Center for Excellence in Celiac Disease</i> | Govind K. Makharia All India Institute of Medical Sciences, New Delhi | Ciaran P. Kelly Harvard Medical School, Boston |
| 4. | <i>Joint Center for Generating Tissue-Engineered Organs and Controlling Cell behaviour</i> | Raju Kumar Gupta Indian Institute of Technology, Kanpur | Ali Khademhosseini Massachusetts Institute of Technology, Cambridge |
| 5. | <i>Emergence and Re-modeling of force chains in soft and Biological Matter</i> | Srikanth Sastry Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru | Bulbul Chakraborty Brandeis University, Waltham |
| 6. | <i>Indo-U.S. Joint Center for Research on Pseudorandomness in Computer Science</i> | Arnab Bhattacharyya Indian Institute of Science, Bangalore | Shachar Lovett University of California, San Diego |
| 7. | <i>Indo-U.S. Center for the Exploration of Extreme Gravity</i> | Parameswaran Ajith Tata Institute of Fundamental Research, Bengaluru | B. S. Sathyaprakash Pennsylvania State University, PA |
| 8. | <i>Indo-U.S. Joint Center for Nanoscale Research</i> | Kaushik Pal Indian Institute of Technology, Roorkee | Nikhil Koratkar Rensselaer Polytechnic Institute, NY |

Note: *Funding support would be as per IUSSTF norms. The extent of support would be separately conveyed to the PI(s).*