Schedule

Chair: Toru Maekawa
Director, Bio-Nano Electronics Research Centre, Toyo University, Japan

26th November

12:00  Posters
13:30 Opening Address
   Toru Maekawa
   Director, Bio-Nano Electronics Research Centre, Toyo University, Japan
13:40 Achievements in research and educational programmes organised by the Bio-Nano Electronics Research Centre
   Toru Maekawa
   Toyo University, Japan
14:00 Nano soft matter science and nano robotics
   Toru Maekawa
   Toyo University, Japan
14:25 Application of organic solvent-tolerant bacteria and enzymes
   Noriyuki Doukyu
   Toyo University, Japan
14:50 Break & Posters
15:20 Fate of protein coronated carbon nanohorns in vivo
   Srivani Veeranarayanan
   Toyo University, Japan
15:40 Multi-functionalized and high-sensitive electrophoretic Coulter method to detect and analyse targeted biological cells
   Yoshikata Nakajima
   Toyo University, Japan
16:00 Advances in carbon nanotube technology and an educational outreach initiative for collaborative funding
   Steve Acquah
   Florida State University, USA
16:30 Break & Posters
16:40 Discussion on international collaborative research and educational programmes
27th November

09:00 Posters
10:00 Opening Ceremony with The Indian Ambassador to Japan etc.
10:40 Biomedical optical imaging and microscopy: Clinical applications
   Renu John
   Indian Institute of Technology Hyderabad, India
11:10 Medical device related infections and bacterial biofilms
   Maya Nandkumar
   Sree Chitra Tirunal Institute for Medical Sciences and Technology, India
11:40 Whisker based object localization by rodents: a biomechanical approach
   Elie Wandersman
   Université Pierre et Marie Curie, France
12:10 Lunch & Posters
13:40 High sensitive measurement tools for magnetic nanostructures and its relevance in biology
   Pintu Das
   Indian Institute of Technology Delhi, India
14:10 Tunable morphology and porosity in one dimensional nanostructures
   Adrien Chauvin
   Université de Nantes, France
14:30 Environmental studies near a nuclear island at Kalpakkam – A review
   Satpathy K.K.
   Indira Gandhi Centre for Atomic Research, India
15:00 Break & Posters
15:30 Magnetic fluids electrostatically stabilized in water and in DMSO: Structure and dynamics
   Régine Perzynski
   Université Pierre et Marie Curie, France
16:00 Tailored synthesis of ultra-small iron-oxide nanoparticles by oleylamine reduction of an iron salt
   Dominique Piché
   University of Oxford, UK
16:20 Toxicology of Scaffolds intended for Tissue Engineered Medical Products
   Mohanan P.V.
   Sree Chitra Tirunal Institute for Medical Sciences and Technology, India
16:50 Break & Posters
17:20 Behavior of a magnetic drop in processing and rotating fields
   Guntars Kintenbergs
   Université Pierre et Marie Curie, France
17:40 Past, present, and future of nanomaterials
   Nicole Grobert
   University of Oxford, UK
18:10 Posters
18:30 Get-together (Buffet)
### 28th November

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| 10:00 | Latest advances in multi-modal diagnostic imaging — Biomedical optics with nano-bio perspective  
  Murukeshan Matham  
  Nanyang Technological University, Singapore |
| 10:30 | Routes towards Magnetic Carbon Buckypaper and their application       |
  Karwei So  
  University of Oxford, UK |
| 10:50 | Inside and outside carbon balls: Playing with fullerenes              |
  Jérémy Rio  
  Université de Nantes, France |
| 11:10 | Hybrid carbon nanoclusters: Gas-phase synthesis of endohedral mono-metallofullerenes  
  Paul Dunk  
  Florida State University, USA |
| 11:40 | Closing remarks, discussions and suggestions                         |
|       | International collaborative research and educational programmes       |
| 12:00 | Lunch & Posters                                                       |