Workshop Schedule

5 Jul 2012
0815-0915 Registration
0915-0930 Inauguration
0930-1015 Milind Hote
  **Robotics in Cardiac Surgery**
  Ashish Suri
1015-1100 Ashish Suri
  **MRI Guided 3-D Navigation in Surgery for Complex Brain Tumors**
  K Madhava Krishna
1100-1115 Tea
1115-1200 K Madhava Krishna
  **Localization, Mapping and SLAM with Range and Vision Systems**
  Laxmidhar Behera
1200-1245 Laxmidhar Behera
  **Vision based Robotics: Control, navigation and grasping**
  Anuj Kapuria
1245-1415 Lunch at Faculty Guest House
1415-1500 Anuj Kapuria
  **Advances in Unmanned Systems Development**
  K Jayarajan
1500-1545 K Jayarajan
  **Remote Handling Technology in Nuclear Industry**
  Tea
1545-1600 Tea
1600-1645 Alok Thondiyath
  **Design, Modelling, and Control of Autonomous Underwater Robots**
  Alok Mukherjee
1645-1730 Lunch at Faculty Guest House

6 Jul 2012
0915-1015 Tom Shibata
  **Adaptive Assistive Robotics**
1015-1100 Tom Shibata
  **Trajectory-tracking control of a parallel manipulator with dual control Ic**
  Sandipan Bandyopadhyay
1100-1115 Tea
1115-1200 T A Dwarakanath
  **Parallel Mechanism Based Systems**
  Shubhasis Bhaumik
1200-1245 Shubhasis Bhaumik
  **Multifinger Dexterous Robot Hands**
  Alok Mukherjee
1245-1415 Lunch at Faculty Guest House
1415-1500 J N Kar
  **Formation Control of A Group of Mobile robots**
  Ashish Dutta
1500-1545 Ashish Dutta
  **Optimal finger exoskeleton design and control based on human motion**
  Tea + Posters/Demo
1545-1730 Tea + Posters/Demo
  1900 Dinner Meeting at Faculty Guest House

7 Jul 2012
0915-1015 Kanav Kahol
  **Leveraging robotics to make healthcare usable and affordable**
1015-1100 Gora Nandi
  **Human Robot Interactions- Future Challenges and Issues**
1100-1115 Tea
1115-1200 Anirvan DasGupta
  **Vibration assisted micro-manipulation**
1200-1245 Ashitava Ghosal
  **Analysis, design and fabrication: three case studies in robotics**
1245-1415 Lunch at Faculty Guest House
1415-1500 Prabir Pal
  **Robotic Solutions for the Nuclear Industries**
1500-1545 Neeraj Jain
  **Implications of brain plasticity in the control of brain-machine interface**
1545-1630 Sudipto Mukherjee