

AIMS² STUDENT RESEARCH SYMPOSIUM

September 14, 2016

University Student Union, Northridge Center

AGENDA

- 3:30 p.m. **Group 1 - STEM Integrated Robotics: Drone**
Dr. Vidya Nandikolla, Mechanical Engineering
- 3:45 p.m. **Group 2 - Robotics for Elementary School**
Dr. Vidya Nandikolla, Mechanical Engineering
- 4:00 p.m. **Electric Speed Drives Technology in Transportation (ESDTT)**
Prof. Bruno Osorno, Electrical and Computer Engineering
- 4:15 p.m. **Developing a Structural Engineering Encounter (SEE)**
Active-Learning Laboratory Environment
Dr. David Boyajian/Dr. Tadeh Zirakian,
Civil Engineering and Construction Management
- 4:30 p.m. **Creation of an Entrepreneurial Mindset among Undergraduate Students**
Dr. Jimmy Gandhi, Manufacturing Systems Engineering and Management
- 4:45 p.m. **Group 1 - Experimental Study of Airfoils Performance at Low Reynolds Numbers**
Dr. Vibhav Durgesh, Mechanical Engineering
- 5:00 p.m. **Solving Real World Problems by Using Intelligent Control Techniques**
Dr. Ruting Jia, Electrical and Computer Engineering
- 5:15 p.m. **Aluminum Alloys for Aircraft Applications**
Dr. Behzad Bavarian/Prof. Lisa Reiner,
Manufacturing Systems Engineering and Management
- 5:30 p.m. **Group 2 - Application of MATLAB for Separation Detection in Hydrogen Bubble Flow Visualization**
Dr. Vibhav Durgesh, Mechanical Engineering
- 5:45 p.m. **Detecting Network Compression and Strict Priority Queueing on the Internet**
Dr. Vahab Pournaghshband, Computer Science