

2016 ASEE Annual Conference Call for Papers  
June 26 - 29, 2016, New Orleans, Louisiana  
**INSTRUMENTATION DIVISION**

The **INSTRUMENTATION DIVISION** of **ASEE** seeks abstracts on all instrumentation related activities. The committee is interested in papers which present the results of a research, educational activities, innovative applications, and state-of-the-art instrumentation solution on any topic falling within the broad scope of **industrial, laboratory, research, Instrumentation and controls**.

**TOPICS INCLUDE, BUT ARE NOT LIMITED TO:**

- Instrumentation in Laboratory for educational activities
- Instrumentation for research activities
- Instrumentation aspects of industrial control applications
- Data acquisition and processing instrumentations
- Computer-based measurements and controls
- Computer-based direct control applications
- Internet-based and online measurements and controls
- Applications of virtual instrumentation for laboratory, research and developments activities
- Embedded control and related instrumentation
- Applications of software tools for industrial controls
- Innovative education usage of laboratory instrumentation
- Industrial process control instrumentation systems
- Wireless control instrumentation
- Industrial networking and controlling instrumentation and control buses
- Instrumentation in packaging and machinery industry especially for high speed applications
- Applications of Mechatronics systems in controls
- Remote monitoring and controlling of industrial processes
- Human Machine Interface (HMI) and its applications in industry
- Programmable Logic Controllers (PLCs) and its applications in industry
- Instrumentation-related technologies for educational institutions
- Modeling and simulation of mechatronics devices and systems
- High speed camera vision systems and their industrial applications



Abstracts of 200-300 words should be submitted via the ASEE web site. Submission deadlines and details are available and updated regularly on the ASEE Web site (<http://www.asee.org>). **At least one author for each paper is expected to register for and present at the conference.**

The **Instrumentation Division** sponsors a **Best Paper Award** consisting of an instrument from a sponsor and a cash prize. All presented papers submitted to the division are considered for the award. Individuals interested in participating in the peer-review process should contact the program chair (e-mail is preferred).

**In 2016 our division is also planning to hold a panel discussion session involving industry representative, authors and other pertaining people that represent the division**

Please direct questions to the **Instrumentation Division Program Chair:**

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