

## Conference Highlights

FIIC 2013 will focus on advanced instrumentation, measurement concepts, and scientific underpinnings that enable new methods and applications of instrumentation. With instrumentation embedded into an expansive array of applications across virtually every aspect of the energy value chain, FIIC hopes to explore new developments relevant to small modular reactors (SMRs), coal gasification plants, large and small transmission and distribution systems confronted with significant influx of renewable energy systems, and end use applications, including demand responsive industrial processes and buildings. The goal is to assemble a group of technologists, analysts, and business leaders to investigate the impact of current trends in instrumentation technology across the full expanse of the energy value chain.

## Workshop Topics

- *Wireless Sensor Networks*
- *Sensors and Controls in the Oil and Gas Industry*
- *Sensors and Controls in the Nuclear Power Industry*
- *Methods and Analysis for Sensors and Controls*
- *Harsh Environment Sensors and Networks*
- *Biomedical Sensing and Analysis*

## Keynote speakers will include:

- *George Studor, NASA - "Wireless Sensor Technology for Flight Missions"*
- *Jeffery Dagle, PNNL - "North American SynchroPhasor Initiative (NASPI)"*
- *Anindya Ghoshal, ARL - "Structural Health Monitoring with Harsh Environment Sensors"*

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## Register now and receive a discounted rate!

IEEE Member	\$500	Student, Non-Member	\$150
Non-Member	\$600	Society Member	\$470
Student, IEEE Member	\$75	Life Member	\$75

**Contact the Renaissance Orlando at SeaWorld now for a special rate of \$139 for all IEEE FIIC 2013 attendees !**

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## ***Interested in Presenting?***

This is your opportunity to intersect with leaders who are at the international forefront of instrumentation for industry, government and academia. You will establish collaborations with scientists and technologists in important areas of energy-related instrument research and learn about government and private sector funding opportunities. FIIC 2013 will provide you with opportunities to broaden your horizon in relation to cross-cutting technologies that are developed in one field while providing applicability to others. Such technologies include new sensing technologies and methods, instrumentation systems capable of surviving harsh industrial environments, advanced materials that enable new miniature low-cost sensors, novel signal processing methods, trustworthy wireless sensor networks, and cyber physical security as it relates to instrumentation and controls systems.

Prospective authors are invited to submit extended abstracts (3-4 pages) via the FIIC conference website, <http://fiic.ieee-ims.org>. The abstract should report on original research results of a theoretical or applied nature and explain the significance of the contribution to the research field. The manuscripts must be prepared according to guidelines provided on the FIIC website.

All papers presented at the conference will be published in the Conference Proceedings and via IEEE Xplore. At least one author of any accepted paper must register at non-student rates, attend the conference, and present the paper.

## ***Dates to Remember:***

We have extended the abstract/paper submission deadlines, so if you are interested in participating please visit <http://fiic.ieee-ims.org/fiic/2013/author-instructions> for author instructions or directly at <https://www.edas.info/index.php>.

## ***Contact Information:***

Please contact the conference administrator, Lauren Pasquarelli of Conference Catalysts, LLC with any questions concerning FIIC 2013 at [lauren@conferencecatalysts.com](mailto:lauren@conferencecatalysts.com).

Be sure to check out our website at <http://fiic.ieee-ims.org/> for additional information.

**FIIC** 2013 IEEE  
Future of Instrumentation  
International Conference

**October 7-9, 2013**  
**The Renaissance**  
**Orlando at SeaWorld**  
**Orlando, Florida**