

## CALL FOR PAPERS

# 1<sup>st</sup> IEEE Industrial Electronics Society Industry Forum Industry Forum 2008

*Expanding the Value of IES to the Business Community*

June 5-6, 2008

Santa Clara, California, USA

<http://www.iesforum.com>

#### Sponsored by:

IEEE Industrial Electronics Society

#### General Chair:

Michael Condry (USA)

#### Executive Board

Michael Condry, Chair (USA)  
Kim Man (China)  
Carlos Couto (Portugal)  
Alf Weaver (USA)  
Ramu Krishnan (USA)  
Mo-Yuen Chow (USA)  
Xinghuo Yu (Australia)  
Tony Pietrzykoski (USA)  
Victor Huang (USA)  
Charlie Einolf (USA)  
Paul Drews (Germany)

#### Market Analysis Board

iSuppli Corporation (USA)

#### Technical Program Committee

Kim Man (China)  
Carlos Couto (Portugal)

#### Publication

Mo-Yuen Chow (USA)

#### Finance and Registration Chair

Allen Chen (USA)

#### International Advisory Board

Hubert Wo (China)  
Allen Chen (USA)  
Armando Colombo (Germany)

#### BACKGROUND AND OBJECTIVES

Industrial and embedded technologies are growing in leaps and bounds. While exciting itself, of equal interest is the application of these technologies in many environments. Pushed by market demands and recent developments in robotic technologies we now find computers and robots in homes, offices and the hospital. Automobiles, homes and offices have complex sensor and control systems. The tools of factory automation are coming in the office and home products. The Internet has taken devices from isolated objects to ones remotely controlled. The combination of technology growth in industrial electronics and the internet is creating an exciting market with endless applications.

The IEEE Industrial Electronics Society created the *Industry Forum* that will start in 2008, an event to examine these directions and, where they might go. We are pulling together representatives from market analysis and technical research as well as industry. Industrial technologies and the infrastructure, such as communications, computation, and security, that will be needed to grow these technologies into other markets is the theme of this forum. Your participation as a speaker or attendee will be exciting role.

This event's process is catered to attract senior industry speakers, not just researchers

1. Proposed presentations are submitted as a abstract and outline..
2. Our technical committee determines the alignment of the presentation conference theme and acceptance is based on that alignment. The emphasis is business directions and the research area that support these directions.
3. Presentations have the choice of providing a paper following the event that will be reviewed and targeted to a suitable IES publication, if qualified.

The goal is an exciting new approach to exchange directions needed for technology to grow in business markets.

*Industry Forum 2008* will be held in June 5-6, 2008 in Santa Clara, California, USA, a historic city in the center of the Silicon Valley. Beyond the creation and evolution of silicon and silicon products such as the PC product evolution, the Bay Area is the birthplace of many Big Ideas, including inventions and discoveries that have shaped the 20th century – such as lasers, disk drives and open heart surgery. Santa Clara is centrally located. We are just five miles from the Mineta San Jose International Airport, 35 miles from the San Francisco Airport, and 39 miles from the Oakland International Airport.

#### KEYNOTE SPEAKERS

There are several tentative keynotes. Confirmed speakers include:

- Douglas L. Davis, VP Embedded and Communications Group, Intel
- Victoria Stavridou-Coleman PhD, VP, Computer Science Laboratory, Samsung
- Hubert Wo, PhD, COO/GM of ARRIS Technology (Shenzhen), ARRIS Technology Company

#### TECHNICAL TRACKS

Contributions will be in the traditional IES areas following the market focus outlined above. These areas include, but are not limited to:

- Traditional IES topics of: Factory Automation, sensor and control systems, robots and power electronics
- Embedded systems as they relate to industrial technologies
- Infrastructure needed for Industrial Electronics systems including computing, communications, and security.
- Applications of Industrial electronics in other market vectors and their market needs

It is highly recommended that parties wishing to contribute a paper to the forum first review the samples on the IES forum website ([www.iesforum.com](http://www.iesforum.com)).

#### PAPER SUBMISSION

As noted above, the focus of the event is the discussion and exchange so the presentations are being driven by a strong abstract and outline. A paper is not required, but if submitted it will be targeted to an suitable IES publication following the conference.

#### TIMELINES:

Abstract and Outline ready for review	15 April 2008
Notification of acceptance	15 May 2008
Paper, if submitted	15 June 2008

