

# IEEE GLOBECOM 2012 Highlights - 7 December



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### Featured sections:

#### Conference Addresses

**Stephen B. Alexander**, Senior Vice President and Chief Technology Officer of Ciena, spoke about “The Performance-on-Demand Application Ecosystem: The Next Phase of Telecom Infrastructure.” According to Alexander, “networks matter more today than over the past 20 years due to the overwhelming demand for capacity by providers.” As a result, the very nature of connectivity has changed requiring its reconfiguration into a “performance-on-demand application ecosystem” that connects people operating through 500,000 locations and 50 billion machines. See newsletter for full article.

**Hossein Eslambolchi**, Chairman & CEO of 2020 Venture Partners, addressed “The Power of Technology to Transform the Future” through the evolution of the network, cloud and future services. In his presentation, Eslambolchi spoke at length about the technology trends that are driving the network’s massive transformation as well as the opportunities for next-decade services that “will impact every person and business in one seamless, virtual world.” Eslambolchi approached this list by noting the necessity for fully-integrated architectures since the “network of today” and the “Internet was not designed to support the latest requirements” and that there is a “massively critical” need for security, which has previously been administered through band-aid solutions. See newsletter for full article.

## Yesterday's News

### **Wednesday Industry Forums Highlighted New Educational Learning Methods & Utility Pricing Schemes**

The IEEE GLOBECOM 2012 Industry Forum schedule continued on Wednesday afternoon with two sessions dedicated to enhanced wireless learning methods and smarter pricing modeling for providers who are confronted with the ongoing challenges of rapidly rising traffic rates that are growing faster than revenues streams. See newsletter for full article.

### **Annual Banquet Provided Night of Fine Dining & Entertainment to Hundred of Participants**

The IEEE GLOBECOM Annual Banquet Dinner held Wednesday evening in the Grand Ballroom of the Fantasy Tower at the Disneyland Hotel included the attendance of hundreds of conference participants, organizers and honored guests, who wined, dined and mingled as a steady stream of entertainment performed on-stage. See newsletter for full article.

### **Thursday Executive Forum on IT Transformation Discussed New World Network Infrastructures**

The Executive Forum agenda at IEEE GLOBECOM 2012 continued on Thursday morning with the session on "IT Transformation: Clouds, Security, Mobility and Computing" exploring the challenges and opportunities confronting the transformation of today's IT and network infrastructures, which are currently being driven by the introduction and development of the latest cloud computing, virtualization, security, mobility and business social networking applications and services. See newsletter for full article.

### **First-ever Lightning Talks Session Generated Nearly 20 Technical Presentations in Rapid-Fire Succession**

The IEEE GLOBECOM Industry and Executive Forum schedule ended on Thursday afternoon with nearly 20 individuals participating in the conference's "Lightning Talks" session that provided each individual the ability to address their choice of technical topics. Moderating the "new experimental" event was Leonard Reder of JPL, who introduced the succession of speakers throughout the forum and kept the activities moving with tight five-minute time limitations. See newsletter for full article.

## **Conference Best Papers:**

include papers from the Symposium on Ad Hoc and Sensor Networking

- FCM: Frequency Domain Cooperative Sensing and Multi-channel Contention for CRAHNS by Lu Wang (Hong Kong University of Science and Technology, Hong Kong), Kaishun Wu (HKUST / Sun Yat-sen University, Hong Kong), Jiang Xiao, Mounir Hamdi (Hong Kong University of Science and Technology, Hong Kong)
- A Distributed Infrastructure-Based Congestion Avoidance Protocol for Vehicular Ad Hoc Networks by Maram Bani Younes (University of Ottawa, Canada), Graciela Roman Alonso (Universidad Autonoma Metropolitana-Izt, Mexico), Azzedine Boukerche (University of Ottawa, Canada)

[For details, check out the 7 December 2012 edition of the IEEE GLOBECOM Daily, conference newsletter](#)

**(From the Event Floor)**

Capture the magic moments - check out the [IEEE GLOBECOM 2012 photo album](http://www.comsoc.org/blog/ieee-globecom-2012-highlights-7-december)

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