

Call for Presentation



WIRELESS & OPTICAL COMMUNICATIONS CONFERENCE

April 23-24 Taichung Taiwan

WOCC 2008

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Poster Session

Yu-Dong Yao, Professor

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The Wireless & Optical Communications Conference (WOCC) has become an increasingly influential event in recent years and it offers information and communication technology experts and researchers from all around the world the opportunity to share new knowledge, exchange opinions and interact with each other. The main topics at the WOCC include wireless & optical communications technologies, industry developments and future trends with a particular emphasis on business and technology opportunities between North America and the Asia-Pacific region. For WOCC 2008 the theme will be **“Ubiquitous Networks Society.”**

The **“Ubiquitous Networks Society”** envisions a future “always on” society where IT and communications technologies will allow anyone with a computer or terminal device to connect to the Internet at any time, at any place, for anything. Researchers all around the world agree that the **“Ubiquitous Networks Society”** will become the standard for next-generation networks, though what constitutes “Ubiquitous” has been difficult to define. This has resulted in a plethora of definitions and applications being proposed in different countries.

After the global economic recession and the bursting of the IT bubble at the beginning of this century, over-supply has become a problem in the telecommunications industry’s supply chain. Fortunately, the latest market reports indicate that over-supply will soon become a thing of the past with economic and commercial activity now back on the rise. We believe that a new era of economic growth is now upon us and the telecommunications industry will soon welcome the 21st Century’s first period of economic recovery. At WOCC 2008, we will examine the technologies and opportunities that will play a part in this economic recovery in order to gain a clear picture of the industry’s future.

For WOCC 2008, we invite experts and researchers to take advantage of this gathering to speak about the theme and related topics. The conference will hopefully create new collaboration opportunities in research and business while furthering the development of the telecommunications industry. We are now welcoming proposals from all professionals in the industry interested in the theme for 2008!

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Wireless and Mobile Communications

- Wide-area and fixed wireless communications
- 3G/4G/ WiMax/ WLAN/ WPAN/ UWB/ UMB/ LTE/ Femtoval
- Convergence of fixed and mobile hybrid communication system
- Low-power mobile end-devices and system-on-chip
- Security in mobile and wireless networks
- Sensor network and distributed mobile computing
- Location-based services and positioning
- Mobile and wireless applications
- Fundamental research in mobile and wireless communications

Vehicular Telematics

- vehicle-to-vehicle communications technology
- vehicle infrastructure integration
- vehicle telematics market and business opportunities

Network Solutions

- Convergence architectures and solutions
- Migration to NGN and mobile broadband
- Network planning, design methods and tools
- Position of new technologies in the network

Wocc Abstracts

We only receive English abstracts which include the following:

- New technologic and scientific research
- Technologic Survey
- New Technology test or conclusion
- Industrial economic research or analysis
- Business opportunity study or plan

Wocc Submission Guidelines

1. Submit the abstract/bio in Microsoft Word to www.wocc.org and must be limited to no more than 3 pages.
2. Font Size: 12
3. Paper Size: 8.5"X11", Margin: 1 "
4. Topic and Authors: Topic should be used by CAPITAL Letters. Name, position, Institute and email of authors should be listed below the topic.
5. Keywords: list two to four keywords below the abstract
6. Reference: All references should be sorted by authors' surname in alphabetical order
7. Poster: Bulletin board size is 90cm (W) x 150cm (H).

Please name the file first author's name and title the email Submission to WOC 2008.

Submission Deadline: January 25, 2008

Notification: February 15, 2008

Please refer to www.wocc.org for the abstract/bio template and additional information.

Contact Hotline

USA Ms. Shuang Yu +1 973 386 4973 shuangyu@alcatel-lucent.com
Taiwan Ms. Tina chang +886 2 2701 8768 wocc2008@knaintl.com.tw

Optical Communications

- Optical network planning, designing, and modeling
- Optical access/metro networks
- Photonic switching system architectures and network elements
- Optical passive/active components and devices
- Optical network protection and restoration
- Optical network applications

Intelligent Multimedia

- Multimedia indexing and search
- Semantic-based multimedia analysis
- Multimedia database
- Multimedia content personalization
- Multimedia content distribution
- Peer-to-peer multimedia
- IPTV technologies and services
- Security of multimedia data
- QoS for multimedia applications