The 23rd Annual Wireless and Optical Communications Conference (WOCC 2014) will provide a unique opportunity to explore the leading areas of wireless and optical communications technologies, future network and big data. Original technical papers are solicited on the topics including, but not limited to, the following:

**Wireless Symposium**
- PHY/MAC technologies for 3G/4G and future wireless communication systems
- Cross-layer design and radio resource management
- Multi-cell cooperation and interference management
- Mobile Ad-hoc and wireless sensor networks
- Small cell and heterogeneous networks
- Convergence of fixed and mobile communication systems
- Cognitive radios and networks
- Green communications and networking
- Ubiquitous mobile computing, mobile cloud
- Vehicular communication networks
- Wireless body area networks
- Emerging mobile applications and services

**Optical Symposium**
- Optical interconnection
- Optical network applications and services
- High-speed optical transmission
- Advanced optical modulation and detection schemes
- Optical fiber subsystems and access networks
- Optical fiber sensor devices and networks
- Advanced optical components and modules
- Fibers and fiber devices/amplifiers/lasers
- Microwave photonics, silicon photonics
- Waveguide devices and planar lightwave circuits
- Nano-photonics and Micro/Nano Optics
- Quantum and nonlinear optics
- Visible light communication

**Networks Symposium**
- Future Internet and next-generation network
- Internet of Things
- Convergent network architectures
- Migration to NGN and mobile broadband
- Hybrid wireless-optical networks
- Network planning and optimization
- Provisioning, monitoring, and management of IP services
- Routing issues and technologies
- Network coding and application
- Overlay networks and P2P networking
- Social networking and computing
- Network Security
- Network Steganography and Steganalysis
- Cloud computing
- Software-defined networks
- Data center networks
- Information-centric networks

**Big Data Symposium**
- Big data models and algorithms
- Big data and multimedia search and mining
- Big data visualization and representation
- Semantic/context aware multimedia representation and processing
- Multimodal and soft/hard data fusion
- Big data and multimedia service architectures
- Interactive platforms for data access and understanding
- Cloud based big data and multimedia computing and communications
- Big data analytics in social media
- Big data and the Internet of Things
- Bioinformatics
- Big data applications in healthcare, finance, business, education etc.
- Big data security and privacy
- Business opportunities and models for big data

There will also be a parallel poster session soliciting the poster submissions.

**Important dates**
- Full Paper Submission: February 15, 2014
- Acceptance Notification: March 15, 2014

**Paper Submission/Registration website:** [http://edas.info/16443](http://edas.info/16443)