CITS 2016

The 2016 International Conference on Computer, Information and Telecommunication Systems

July 6-8, 2016

http://atc.udg.edu/CITS2016/

Kunming, China

GENERAL CHAIRS
- Mohammad S. Obaidat, Fordham Univ., USA, mobaidat@fordham.edu
- Zan Li, Xidian Univ., China, zanli@xidian.edu.cn
- Fei Gao, Yunnan Minzu Univ., China, wdxy_gf@163.com

VICE GENERAL CHAIR
- Kuei-Fang (Leila) Hsiao, Ming-Chuan Univ., Taiwan, kfhsiao@mail.mcu.edu.tw

SENIOR PROGRAM CHAIR
- Petros Nikopolitidis, Aristotle Univ., Greece, petros@csd.auth.gr

PROGRAM CHAIRS
- Imad Mahgoub, Florida Atlantic Univ., USA, mahgoubi@fau.edu
- Feifei Gao, Tsinghua Univ., China, feifeigao@mail.tsinghua.edu.cn
- Bo Ai, BeiJing JiaoTong Univ., China, boai@bjtu.edu.cn
- Igor Bisio, Univ. of Genoa, Italy, igor.bisio@unige.it

LOCAL ORGANIZATION COMITTEE
- Jing Fan, Yunnan Minzu Univ., China
- Lingling Kong, Yunnan Minzu Univ., China
- Jingji Yang, Yunnan Minzu Univ., China
- Hongzhen Shi, Yunnan Minzu Univ., China

PUBLICATION CHAIRS
- Daniel Cascado, Univ. of Seville, Spain, danic@atc.us.es
- Chenxia Chang, Yunnan Minzu Univ., China, changchenxia881008@163.com

PUBLICITY CHAIRS
- Essia Hamouda, California State Univ. Chico, USA
- Lei Shu, Osaka Univ., Japan
- Der-Jiunn Deng, National Changhua Univ. of Education, Taiwan
- Moi Hoon Yap, Manchester Metropolitan Univ., UK
- Seungmin (Charlie) Rho, Sungkyul Univ., Korea
- Junzhao Du, Xidian Univ., China
- Jingji Yang, Yunnan Minzu Univ., China
- Huiming Wang, Xi'an Jiaotong Univ., China

INTERNATIONAL LIAISONS
- Sang-Soo (Martin) Yeo, Mokwon Univ., Korea
- Balqies Sadoun, Al-Balqa Applied Univ., Jordan
- Hong Ji, BUPT, China
- Ching-Hsien (Robert) Hsu, Chung Hua Univ., Taiwan
- Helen Karatza, Aristotle Univ., Greece
- Haifeng Wu, Yunnan Minzu Univ., China

REGISTRATION CHAIRS
- Lingling Kong, Yunnan Minzu Univ., China, kongling0104@163.com
- Kuei-Fang (Leila) Hsiao, Ming Chuan Univ., Taiwan

FINANCE CHAIRS
- Yongtao Dong, Yunnan Minzu Univ., China, ytdong117@139.com
- Kasim Al-Aubidy, Philadelphia Univ., Jordan, alaubidy@gmail.com

WEBMASTERS
- Antonio Bueno, Univ. of Girona, Spain, antonio.bueno@udg.edu
- Wansheng Wang, Yunnan Minzu Univ., China, wangwsh78@163.com

The 2016 International Conference on Computer, Information, and Telecommunication Systems, CITS 2016, is an international forum for scientists, engine eers, and practitioners to present their latest research and development results in all areas of Computer, Information, and Telecommunication Systems. The conference will feature tutorials, technical paper presentations and distinguished keynote speeches.

SCOPE: Topics of interest include, but are not limited to:

Track I: Computer Systems
- Cloud computing
- Cloud management
- Cloud services
- Computer architectures
- Computer hardware technology
- Computer-aided designs and technology
- Display technology
- Digital circuits, systems and logic design
- Embedded systems
- Evolutionary algorithms and computing
- Fuzzy systems and fuzzy logic
- Green computing
- Grid computing and architectures
- Hardware and software co-design
- High-performance computing
- Input/output systems
- Low-power computer technology
- Memory systems
- Mobile computing
- Modeling and simulation
- Object Oriented Languages
- Operating system and middleware for mobile computing and networking
- Performance evaluation
- Pervasive computing
- Real-time systems and simulations
- Reconfigurable computing
- System integration
- Systems on chip (SoC)
- Scientific computing algorithms
- Soft computing
- Software design, verification and validation
- Software performance and engineering
- Social networking and computing
- VLSI design

Track II: Information Technology
- Agents and multi-agents systems
- Artificial intelligence and expert systems
- Adaptive learning automata
- Bioinformatics and biological computing and engineering
- Database and data warehouses
- Data mining
- Future web
- e-Government
- e-Commerce
- e-Health
- e-Learning and adaptive learning
- Geographical information systems (GIS)
- Global positioning systems (GPS)
- Human-computer interaction (HCI)
- Network systems, proxies and servers
- Neural networks
- Protocols and standards
- RF technology and control error correction
- Signal and image processing
- System engineering
- Telematics
- Web-Based Simulation Applications

Track III: Web Technologies
- Accessibility issues and Technology
- Data Fusion
- Digital Libraries
- Content transformation and adaptation in proxy server
- Metadata and metamodeling
- Multimedia
- Ontology and semantic web
- Personalized web sites/Web site classification and optimization
- Portal strategies
- Quality recommendation for software service provisioning
- Service oriented architecture
- System integration
- User modeling
- Usability and ergonomics
- Web analytics
- Web services and engineering
- Web interfaces and applications
- Web searching, browsing and ranking
- Web information retrieval
- Web intelligence
- Web performance measurement, modeling and caching
- XML and data management

Track IV: Networking Systems
- Bio-inspired and nature-inspired solutions in wireless ad hoc and sensor networks
- Broadband access technologies
- Cognitive radio
- Cross-layer design for mobile and wireless networks
- Dynamic spectrum management
- Disruption tolerant networks
- Energy-efficient networks
- Future Internet
- Hybrid networks
- Medium access control protocols
- Network management
- Network services and protocols
- Optical networks
- Opportunistic networks
- Personal area networks
- Performance-oriented design and evaluation focused on networks and mobile applications
- Quality of service provisioning
- Routing protocols
- Sensor networks
- Smart grids
- Testbed design and implementation
- Traffic Eng. & measurements
- Under water networks
- 60 GHz networking
- Wireless networks

Track V: Telecommunications Systems
- Adaptive communications
- Channel estimation
- Cognitive vehicular ad hoc networks
- Cooperative communications
- Channel coding
- Interference management
- Massive MIMO systems
- Modulation techniques
- MIMO systems
- Novel applications enabled by telecommunication networking systems
- OFDM communications
- Power line communication
- Satellite communication
- Spread-spectrum communications
- UWB communications
- Wireless broadcasting
- Wireless communication

Track VI: Security Systems
- Authentication and access control
- Biometrics systems
- Computer and communication security
- Cryptography and cryptanalysis
- Digital watermarking, fingerprinting, and traitor tracing schemes
- Detection analysis and prevention of malware
- Denial of service issues
- Intrusion detection systems
- Information systems security
- Keystroke dynamic systems
- Multimedia security
- Network security
- Network systems forensics
- Operating systems security
- Program security
- Physical security
- Privacy enhancing technologies
- Public-key infrastructure systems
- Quantum cryptography
- Security of E-Systems and applications
- Security modeling, tools & simulation
- Security of personal area networks
- Security of Wi-Fi and WiMAX systems
- Security of web systems
- Secure PHY and MAC protocols
- User & location privacy
- Virtual Private Network systems
- Vulnerability and Virus analysis
- Vulnerability and attack modeling
- Web security and privacy
- Web-based application security

Steering Committee
- Franco Davoli, Univ. of Genoa, Italy
- Pascal Lorenz, Univ. of Haute Alsace, France
- Mohammad S Obaidat, Monmouth Univ., NJ, USA (Chair)
- Jose L. Sevillano, Univ. of Seville, Spain
- George A. Tsihrintzis, Univ. of Piraeus, Greece
- Laurence Yang, St. Francis Xavier Univ., Canada

Extended versions of selected papers will be published in related special issues of Scholarly International Journals.

Important Dates

Paper submission: **Extended to April 8, 2016**

Author notification: **May 8, 2016**

Invited session, tutorial proposals: **March 15, 2016**

Camera-ready paper submission: **May 15, 2016**