



## **The First IEEE International Conference on Computer Communication and the Internet**

**ICCCI 2016**

**Oct. 13-Oct. 15, 2016, Wuhan China**

The First International Conference on Computer Communication and the Internet (ICCCI 2016) is one of the international leading academic conferences for authors to present novel ideas and fundamental advances in the fields of computer communications and Internet. ICCCI 2016 serves to foster communication among researchers, engineers and relevant practitioners with a common interest of researching in the broad areas of computer communications and Internet, developing scientific and technological innovations in these areas. ICCCI 2016 is sponsored by IEEE and Central China Normal University.

---

### **◆ Scope:**

The primary focus of the conference is on new and original research results in the areas of theoretical findings, design, implementation, and applications of computer communications and Internet. Both theoretical paper and simulation (experimental) results are welcome. Topics of interest include, but are not limited to, the following:

- Internet Computing: Models, Architectures, and Platforms
- Network coding
- Cooperative networking
- Cross-layer optimization and control
- Cyber-physical systems
- Optical networks
- Router and switch design
- Routing & Multicast
- Scaling laws and fundamental limits
- Scheduling and buffer management
- Smart antenna based networking
- Smart grid
- Smartphone and mobile applications
- Network economics and pricing
- Network management
- Network measurement and analysis
- Cognitive, Cellular and Mobile Networks
- Communication Architecture, Algorithms, Modeling and Evaluation
- Data Centers and Big Data Computing
- Green Networks and Sustainable Computing
- Grid, Cloud, Internet and Peer-to-peer Computing and Communication

- Multimedia and Real-Time Networking
- Security, Privacy, and Trust
- Sensor/Embedded Networks and Pervasive Computing
- Software Defined Networks and Network Testing and Deployment
- Delay Tolerant Networks
- Wireless LAN, Ad Hoc, and Mesh Networks
- Novel Internet architecture and convergence mechanisms for heterogeneous converged networks;
- Cellular, broadcasting, WSN, and WLAN technologies coexistence solutions, including interference problems, QoS control and mobility management, and interoperability aspects;
- Prototype and field tests for heterogeneous converged systems;
- Converged network application for wired/wireless networks, mobile multimedia networks, internet of things, and subsequent new design paradigms for future network convergence.
- Mobile Cloud Infrastructure and Service Models
- Internet based service systems in next generation of Internet including fast and efficient data transmission protocols, architectures, routing, access, and service delivery
- Social networking and engineering challenges
- Communications and Signal Processing

## ◆ Author Guidelines

The authors are encouraged to submit full papers describing their original research, not previously published or currently under review in any other conference or journal. Position papers describing research development or identifying new research trends are welcome. All submissions should be written in English with a maximum paper length of **five** printed pages with at least 10-point font.

## ◆ Important Dates:

<b>Paper submission deadline:</b>	<b>30/06/2016</b>	<b>Acceptance Notification:</b>	<b>30/07/2016</b>
<b>Registration Deadline:</b>	<b>20/08/2016</b>	<b>Camera ready:</b>	<b>20/09/2016</b>
<b>Conference Date:</b>	<b>13/10/2016-15/10/2016</b>		

## ◆ Conference Committee

### Honorary Chairs

The Internet pioneers:  
Professor Bob Kahn and Professor Vint Cerf

### General Chairs

Professor Liansheng Tan  
Central China Normal University

Professor Naixue Xiong  
Colorado Technical University, USA

### Program Chairs

Professor Rod Kennedy, IEEE Fellow  
The Australian National University

Professor Moshe Zukerman, IEEE Fellow  
City University of Hong Kong

### Workshop Chairs

Dr. Lachlan Andrew  
Swinburne University of Technology,  
Australia

Professor Henry Duh  
University of Tasmania, Australia

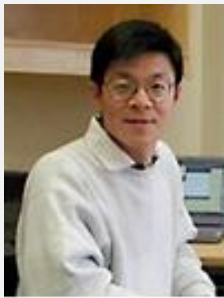
## Technical Program Committee (to be added dynamically)

Dr. Abdelberi Chaabane, INRIA, France,  
Dr. Abraham van der Vyver, Monash South Africa, South Africa  
Dr. Adeel Baig, National University of Sciences and Technology (NUST), Pakistan  
Prof. Adnan I. Alrabea, Prince Abdullah Bin Ghazi Faculty of Science & Information Technology, Jordan  
Dr. Ali Khoynzhad, Cedars-Sinai Heart Institute, USA  
Dr. Alireza Khoshgoftar Monfared, Georgia Tech, USA  
Dr. Amin Tootoonchian, University of Toronto, Canada  
Dr. Amir Taherkordi, University of Oslo, Norway  
Dr. Ammar Rayes, San José State University, USA  
Dr. Annalisa Socievole, University of Calabria, Italy  
Dr. Antonio Pescapé, Università di Napoli Federico II, Italy  
Dr. Baber Aslam, National University of Sciences and Technology (NUST), Pakistan  
Dr. Bechir Hamdaoui, Oregon State University, USA  
Dr. Behnam Dezfouli, The University of Iowa, USA  
Dr. Bengt Ahlgren, Swedish Institute of Computer Science Sweden  
Dr. Bhaskar Krishnamachari, University Of Southern California, USA  
Dr. Bheemarjuna Reddy Tamma, Indian Institute of Technology, India  
Dr. Bishnu Prasad Gautam, Wakkanai Hokusei Gakuen University and Shinshu University, Japan  
Dr. Cedric Westphal, University of California-Santa Cruz (ucsc), USA  
Dr. Chien-Ho Wu, Fu Jen Catholic University, Taiwan  
Prof. Chien-Lung Hsu, Chang Gung University, Taiwan  
Dr. Dan Li, Eastern Washington University, USA  
Dr. Dario Pompili, Rutgers University, USA  
Dr. David Pérez Díaz de Cerio, Polytechnic University of Catalonia, Spain  
Dr. Diana Patricia Tobón Vallejo, Optical Zeitgeist Lab, Colombia  
Dr. Eduardo Casilari, Universidad de Málaga / University of Málaga, España  
Dr. Ejaz Ahmed, University of Malaya, Pakistan  
Dr. Emil M. Petriu, University of Ottawa, Canada  
Dr. Erdun Zhao, Central China Normal University, China  
Dr. Eric Wing-Ming Wong, City University of Hong Kong, China  
Dr. Farah Purwaninggrum, Universiti Brunei Darussalam  
Dr. Fei Ge, Central China Normal University, China  
Dr. Floriano De Rango, University of Calabria, Italy  
Prof. Fuh-Der Chou, Chien Hsin University of Science and Technology, Taiwan  
Dr. Fuzhe Zhao, Central China Normal University, China  
Dr. Ge Zhan, Tung Wah College, HongKong  
Dr. George Carutasu, Romanian-American University, Romania  
Dr. Gihwan Cho, Jeonbuk National University- Republic of Korea  
Dr. Gwan S. Choi, Texas A&M University, USA  
Dr. Haifa Raja Maamar, Full Sail University, USA  
Dr. Halenar Igor, Faculty of Materials Science and Technology in Trnava, Slovak Republic  
Dr. Halenar Igor, Slovak University of Technology in Bratislava, Slovak  
Dr. Hans-Peter Schwefel, Aalborg University, Danmark  
Dr. Hongbin Luo, Beijing JiaoTong University (BJTU), China  
Dr. Hongyan Li, Montana State University, USA  
Dr. Husain Ibraheem, Kuwait University  
Dr. Ibrahim Korpeoglu, Bilkent University, Turkey  
Dr. Isa Haskologlu, Captain, Army War College, Turkey  
Dr. Izzet F. Senturk, Southern Illinois University, USA  
Dr. James Bagrow, University of Vermont, USA  
Dr. Jason Croft, University of Illinois at Urbana-Champaign, USA  
Dr. Jeannie Albrecht, Williams College, USA  
Dr. Jianjun Yang, University of North Georgia, USA  
Dr. Jimmy Jessen Nielsen, Aalborg University, Denmark  
Dr. Jonathan Loo, middlesex university London, UK  
Dr. José Fernán Martínez, Universidad Politécnica de Madrid, Spain  
Dr. José Luis Valenzuela, Universitat Politècnica de Catalunya, Spain

Dr. Jose M. Barcelo-Ordinas, Universitat Politecnica de Catalunya (UPC), España  
Dr. Josep M. Colomer, Georgetown University, USA  
Dr. Joseph D. Skufca, Clarkson University, USA  
Dr. Joseph Polastre, University of California, USA  
Dr. Junaid Qadir, National University of Sciences and Technology, Pakistan  
Dr. Karim Habak, Georgia Tech, USA  
Dr. Karthik Sridharan, Cornell University, USA  
Dr. Kejie Lu, University of Puerto Rico USA  
Dr. Kemal Akkaya, Southern Illinois University, USA  
Dr. Kim, Song-Kyoo (Amang), W. SyCip Graduate School of Business, Korea  
Dr. King Tim Ko, City University of Hong Kong, China  
Dr. Klaus Ingemann, Aalborg University, Denmark  
Dr. Kwok-Fai Ng, Hong Kong Applied Science and Technology Research Institute Company Limited, Hong Kong  
Dr. Lars Eggert, NetApp Deutschland GmbH, Germany  
Dr. Laura. Galluccio, University of Catania Italy  
Dr. Li Erran Li, Computer Science Department Columbia University, USA,  
Dr. Lihong Zheng, Charles Sturt University, Australia  
Dr. Loukas Lazos, University of Arizona, USA  
Prof. Maoyuan Zhang, Central China Normal University, China  
Dr. M.V. Siva Prasad Anurag Engineering College  
Dr. Mainak Chatterjee, University of Central Florida, USA  
Dr. Matthew Caesar, University of Illinois at Urbana-Champaign, USA  
Dr. Michael Hempe, University of Nebraska-Lincoln USA  
Dr. Michael J Marcus, Virginia Tech, USA  
Dr. Minaxi Gupta, Indiana University, USA  
Dr. Mirco Musolesi, College London, UK  
Dr. Mohamad Yusoff Alias, Multimedia University, Malaysia  
Dr. Mostafa Zaman Chowdhury, Khulna University of Engineering & Technology (KUET), Bangladesh  
Dr. Muhammad Faisal Amjad, University of Central Florida, USA  
Dr. Murat Demirbas, University at Buffalo, SUNY, USA  
Dr. N.Ch.Sriman Narayana Iyengar VIT University, India  
Dr. N.Venkatesan, Bharathiyar College of Engg & Tech, India  
Prof. Nalaka R. Dissanayake, University of Colombo School of Computing, Sri Lanka  
Dr. Neda Abolhassani, University of Georgia, USA  
Dr. Nikolaos Pappas, Linköping University, Sweden  
Dr. Olga Saukh, ETH Zurich, Switzerland  
Dr. Ori Rottenstreich, Princeton University, USA  
Dr. Parastoo SADEGHI, The Australian National University, Australia  
Dr. Paul D Sutton, SoftwareRadio Systems Ltd. Ireland  
Dr. Pedro Castillejo Parrilla, Universidad Politécnica de Madrid, Spain  
Dr. Peppino Fazio, University of Calabria, Italy  
Prof. Poorani .S, Sona college of Technology, T.P.T Road, Sona NagarSalem, India  
Dr. Prasun Sinha, Ohio State University , USA,  
Dr. Rania Ahmed Abul Seoud, EL Fayoum University, Egypt  
Dr. Rasmus Løvenstein Olsen, Aalborg University, Danmark  
Dr. Ratna Wardani, Yogyakarta State University,Indonesia  
Dr. Riaz Ahmed Shaikh, King Abdulaziz University, Jeddah, Saudi Arab.  
Dr. Richard W. Pazzi, University of Ontario Institute of Technology, Canada  
Dr. Romain Rouvoy, University of Oslo, Norway  
Dr. Ron Addie, University of Southern Queensland, Australia  
Dr. S. Satyanarayana, Koneru Lakshmaiah Education Foundation (KLUniversity) Vaddeswaram, India  
Dr. Saim Ghafoor, University College Cork, Ireland  
Dr. Samantha Sau Man Lo , Georgia Tech, USA  
Dr. Sammy Chan, City University of Hong Kong, China  
Prof. Sanjay Kumar Jena, National Institute of Technology Rourkela, India  
Dr. Shvaji Pandurangrao Mirashe, Manager in Network & Network Security in RELIANCE COMMUNICATIONS. at Navi Mumbai  
Dr. Srinivas Narayana, Princeton University, USA  
Dr. Stuart Clayma, University College London, UK

Dr. Stylianos Georgoulas, University of Surrey (CCSR/ICS), UK  
Prof. Subarna Shakya, Tribhuvan University, Nepal  
Prof. Sunil V. K. Gaddam, Department of CSE, Bharat Institute of Technology (BIT), India  
Dr. Sylvia Ratnasamy, University of California, USA  
Dr. Tatiana Kozlova Madsen, Aalborg University, Danmark  
Dr. Thomas Michael Bohnert, Zurich University of Applied Sciences, Switzerland  
Dr. Tifenn Rault, University of Technology of Compiègne (UTC), France  
Dr. Tommaso Melodia, Northeastern University, USA  
Prof. Tron Min Chen, Wu Feng University, Taiwan  
Dr. Vinod K. Kulathumani, West Virginia University, USA  
Dr. Vyas Sekar, Carnegie Mellon University, USA  
Dr. Wei Chen, Eindhoven University of Technology, The Netherlands,  
Dr. Thumrongrat Amornraksa, King Mongkut's University of Technology Thonburi, Thailand  
Dr. Ting Wang, Data scientist, SAP Asia Pte Ltd, Singapore  
Dr. Wei Zhang, Central China Normal University, China  
Dr. Yasser Fouad Computer Science, Faculty of Science, Suez University, Egypt  
Dr. Yoong Choon Chang, Multimedia University, Malaysia  
Dr. Yushan Zhao, University of Wisconsin-Whitewater, USA  
Dr. Zafar Ayyub Qazi, Stony Brook University, USA  
Dr. Zhixin Chen, Intel Corporation, Santa Clara, California, USA.  
Prof. Zvi Rosberg, CISRO ICT Centre, Australia

### ◆ Keynote Speakers (Pending)



Prof. Steven Low, IEEE  
/ ACM Fellow,  
Caltech, USA



Prof. Moshe  
Zukerman, IEEE  
Fellow  
City University of Hong  
Kong



Prof. Rod Kennedy,  
IEEE Fellow  
The Australia  
National University



Prof. David Parish  
Loughborough  
University, UK



Prof. Matthew  
Roughan  
University of Adelaide,  
Australia

---

### ◆ Contact US

**Conference Secretary**  
**Ms. Rita Lau**

E-mail: [iccci\\_info@vip.163.com](mailto:iccci_info@vip.163.com) | Tel: +86 1397 222222 4