



6th International Conference on **ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS** (ICACCI'17)

13-16 September 2017
Manipal University, Karnataka, India

After the grand success of past five editions, we proudly announce ICACCI-2017.

Since its inauguration in 2012, ICACCI has developed into a reputable conference and is well attended by experts in all aspects related to computing and information from all over the world. The Conference is indexed by Scopus, DBLP and Google Scholar since 2012 and by Ei Compendex and THOMSON REUTERS Conference Proceedings Citation Index since 2013. Google scholar metrics shows h5-index=13 and h5-median=16 for ICACCI.

ICACCI'17 is technically co-sponsored by IEEE Communications Society (ComSoc). The conference addresses key topics and issues related to all aspects of computing, communications and informatics. Accepted and presented papers will be published in the proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

The sixth edition will be held in Manipal Institute of Technology, Manipal University, Karnataka, India. Manipal is a university town with beauty and natural scenery, one of the most peaceful and soothing travel destinations in India.

KEY DATES

Main tracks and Special Sessions

Papers Due : **April 20, 2017**
Acceptance Notification : **June 30, 2017**
Final Paper Deadline : **July 31, 2017**

*Special Sessions, Workshops and Symposiums have their own deadlines! Please refer to the corresponding web pages for detailed information.

VENUE

The conference will be held at Manipal Institute of Technology (MIT), Manipal University, Manipal, Karnataka, India. Manipal Institute of Technology (MIT), Manipal was established in the year 1957 as one of the first pioneering self-financing Engineering Colleges in the country. In 2000, it became a constituent institute of the Deemed University- Manipal Academy of Higher Education (MAHE), which is known widely today as Manipal University. Manipal University is synonymous with excellence in higher education.

With a total student intake of about 2000 per year, and around 10,000 students, over 622 faculties, over 1,000 support staff, over 26,900 alumni, MIT provides the right ambience and platform for the students' all round development.

It has the requisite student to teacher ratio of 15:1. MIT has 16 under graduate programs, 25 Masters Programs and Doctoral programs in all streams of Engineering and Science under 18 different departments. To promote innovation, incubation and entrepreneurship, the Innovation Center at MIT houses Manipal University Technology Business Incubator and Central Instrumentation Facility.

The institute undertakes sponsored research programmes supported by funding agencies such as DST, CSIR, AICTE and the Ministry of Environmental Sciences. It has collaborative research programs in association with premier research laboratories and institutes in India and abroad. The institute has an innovative flexible syllabus based programs that involve participation of all stakeholders like management, academia, students, alumni, industry to discuss updating of the course contents in a continual process.

CONTACT

Technical Matters (submission, review process, TPC, program...) **icacci.manipal@gmail.com**

Please visit the website
http://icacci-conference.org/2017/
regularly to know the latest updates.

ABOUT MANIPAL

Situated in the state of Karnataka, Manipal is placed on a plateau between the Western Ghats and the Arabian Sea, Manipal enjoys stunning views from several locations, dotted with fascinating lakes and beaches that serve as attractive tourist points, Manipal is a small town, with simple lifestyle and picturesque surroundings.

Manipal is well connected by road, rail and air. There are two main cities close to Manipal that serve as entry points, Udupi and Mangalore. Udupi is 5 kms from Manipal and Mangalore 65 kms away.

Weather: The weather is tropical and is hot with high levels of humidity between November and May. The region receives moderate to heavy rainfall between June and October.

Food: The food courts at Manipal serve a variety of cuisines like North Indian, South Indian, Chinese, Caribbean and Malaysian, plus wraps, burgers, pizzas and pasta to cater to the multi-cultural student population. Apart from the food courts, the Manipal town offers an array of restaurants with cuisines catering to the diverse student population.

Accommodation: Manipal and Udupi have good and convenient accommodation options for visitors. You can book their accommodation prior to visit to avoid any problems. There is an array of hotels in Manipal and Udupi with a range of price to suit your needs.

General queries:
secretariat@icacci-conference.org

Queries on registration:
registration@icacci-conference.org

Organised by



Technical Co-sponsors



CALL FOR PAPERS

The program committee solicits original research papers to be considered for presentation at the conference and publication in the proceedings. Please strictly follow submission guidelines posted at <http://icacci-conference.org/2017/content/paper-submission-guidelines> to prepare your manuscript for main tracks, workshops, special tracks and co-affiliated symposiums. Please use the link: <http://edas.info/N23175> to submit your paper through EDAS.

Material is presented in a program of technical sessions, panel discussions, symposiums, tutorials, demos, workshops and plenary/keynote speeches. Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

CO-AFFILIATED SYMPOSIUMS

- Fifth International Symposium on Intelligent Informatics (ISI'17)
- Fourth International Symposium on Computer Vision and the Internet (VisionNet'17)
- Second Symposium on Advances in Applied Informatics (SAI'17)
- Sixth Symposium on Natural Language Processing (NLP'17)
- Fifth International Symposium on Women in Computing and Informatics (WCI'17)
- Symposium on Recent Advances in Communication Theory, Information Theory, Antennas and Propagation (CIAP'17)
- Symposium on VLSI Design and Embedded Computing (VDEC'17)
- Second Symposium on Emerging Topics in Computing and Communications (SETCAC'17)
- Fifth Symposium on Control, Automation, Industrial Informatics and Smart Grid (ICAIS'17)

MAIN TRACKS

Track 1: COMMUNICATIONS

Track 2: COMPUTING & INFORMATICS

Special Track I: Hybrid Intelligent Models and Applications

Special Track II: Internet of Things (IoT)

SPECIAL SESSIONS

- Multimedia Security and Forensics
- Advances in Computer Graphics and Visualization
- Big Data Search and Mining
- Energy-Efficient Wireless Communications and Networking
- Mathematical Modeling and Scientific Computing
- Malware Analysis and Forensics in Smart Phones
- Image Analysis and Image Enhancement
- Recent Advances in Adaptive Systems and Signal Processing
- Next-Generation Internet and Communication
- Smart Cities

- Third International Symposium on Emerging Topics in Circuits and Systems (SET-CAS'17)
- Symposium on Applications of Computational Intelligence and Machine Learning in Networked Systems (ACMiNS)
- Second Symposium on Bioinformatics and Bioforensics (SBB'17)
- Fourth Symposium on Green Networks and Distributed Systems (GNDS'17)
- Symposium on Ensemble Networks and Software Engineering (SENSE'17)
- Symposium on Wireless Sensor Technologies and Applications (WSTA'17)
- Second Symposium on Signal Processing for Wireless and Multimedia Communications (SPWMC'17)
- Second Symposium on Multimedia, Visualization and Human Computer Interaction (SMVH'17)
- First International Symposium on Assistive Technologies for the Differently Able

ORGANIZING COMMITTEE

Chief Patron

Ramdas M. Pai, Chancellor, Manipal University

Patrons

H.S. Ballal, Pro-Chancellor, Manipal University

H. Vinod Bhat, Vice Chancellor, Manipal University

V. Surendra Shetty, Pro Vice Chancellor, Manipal University

Narayan Sabhahit, Registrar, Manipal University

G.K. Prabhu, Director, MIT

BHV Pai, Joint Director, MIT

Honorary General Chair

Erol Gelenbe, Imperial College, UK

General Chair

Mohammed

Atiquzzaman, University of Oklahoma, USA

John N. Daigle, University of Mississippi, USA

TPC Co-Chairs

Neeli Rashmi Prasad, Center for TeleInfrastructure (CTIF), USA

Peter Mueller, IBM Zurich Research Laboratory, Switzerland

Pascal Lorenz, University of Haute Alsace, France

Steering Committee Co-Chairs

Sabu M. Thampi, IIITM-K, India
Jaime Lloret Mauri, Polytechnic University of Valencia, Spain

Jinsong Wu, Universidad de Chile (University of Chile), Chile

Advisory Committee

Ravi Sandhu, University of Texas at San Antonio, USA

Raj Kumar Buyya, University of Melbourne, Australia

Hideyuki TAKAGI, Kyushu University, Japan

Sartaj Sahni, University of Florida, USA

K. Chandrasekaran, National Institute of Technology Karnataka, India

Carlos Becker Westphall, Federal University of Santa Catarina, Brazil

Bharat Bhargava, Purdue University, USA

Sougata Mukherjea, IBM India Research Lab, New Delhi, India

Jose M. Alcaraz Calero, University of the West of Scotland, United Kingdom

Sri Krishnan, Ryerson University, Toronto, Canada

Sanjay K Madria, Missouri University of Science and Technology, USA

Axel Sikora, University of Applied Sciences Offenburg, Germany

Industry Track Chairs

Xinyu Que, IBM T. J. Watson Research Center, USA

Chung Shue Chen, Bell Labs, Nokia, France

Workshop and Symposium Chairs

Jemal Abawajy, Deakin University, Australia

Danda B. Rawat, Howard University, Washington, USA

Farag Azzedin, King Fahd University of Petroleum and Minerals, Saudi Arabia

Tutorial Chairs

Mehmet Emin YUKSEL, Erciyes University, Turkey

Amarjeet Singh, IIIT Delhi, India

Sameep Mehta, IBM Research - India

El-Sayed El-Alfy, King Fahd University of Petroleum and Minerals, Saudi Arabia

Special Session Co-Chairs

Punam Bedi, University of Delhi, India

Santi P. Maity, IIST, Shibpur, India

Md Zakirul Alam Bhuiyan, Fordham University, USA

Poster Track Chairs

Ivan Ganchev, University of Limerick, Ireland

Victor Govindaswamy, Concordia University Chicago, USA

Panel Chairs

Deepayan Bhowmik, Sheffield Hallam University, Sheffield, UK

Organizing Chair

Hareesha K.S., Manipal Institute of Technology (MIT) - Manipal University, India

Organizing Co-Chairs

Ashalatha Nayak, Manipal Institute of Technology, Manipal University

Balachandra, Manipal Institute of Technology, Manipal University

Organizing Secretaries

Renuka A, Manipal Institute of Technology, Manipal University

Preetham Kumar, Manipal Institute of Technology, Manipal University

Poornima PK, Manipal Institute of Technology, Manipal University

Event Management Chair

Rohini Rao, MIT

Publicity Co-Chairs

Karunakar AK, MIT

TECHNICAL PROGRAM COMMITTEE

<http://icacci-conference.org/2017/content/technical-program-committee>

STEERING COMMITTEE

Schahram Dustdar, IEEE Fellow, The TU Wien, Austria

Jun Wang, City University of Hong Kong, Hong Kong

Sabu M. Thampi, IIITM-K, India

Jaime Lloret Mauri, Polytechnic University of Valencia, Spain

Jinsong Wu, Universidad de Chile (University of Chile), Chile

Gregorio Martinez Perez, University of Murcia, Spain

Song Guo, The Hong Kong Polytechnic University, Hong Kong

Jalel Ben-Othman, University of Paris 13, France

N.V. Subbareddy, MIT, Manipal, India

Dilip Krishnaswamy, IBM Research, India

Manohar M.Pai, MIT, Manipal, India

Joel Rodrigues, National Institute of Telecommunications (Inatel), Brazil; Instituto de Telecomunicações, Portugal

Nallanathan Arumugam, King's College London, United Kingdom

San Murugesan, Western Sydney University, Australia

Pedro Silva Girão, Instituto Superior Técnico, University of Lisbon, Portugal

Oge Marques, Florida Atlantic University (FAU) (Boca Raton, Florida), USA

KEYNOTE SPEAKERS



Prof. K. R. Rao, Dept. of Electrical Engineering, University of Texas at Arlington, USA



Prof. Erol Gelenbe, Imperial College and Polish Academy of Sciences (Inventor of G-Networks and the Random Neural Network)



Prof. Schahram Dustdar, The TU Wien, Austria



Ronald P. Luijten, Data Motion Architect, IBM Research - Zurich