

15th International Conference on Information Technology



IIIT Bhubaneswar
Imagine, Innovate, Inspire
(A University established by Government of Odisha)

ICIT-2016, Bhubaneswar, India, December 22-24, 2016

<http://www.oits-icit.org>

General Chairs:

Gopal Nayak,

International Institute of Information Technology
(IIIT) Bhubaneswar, India

Saraju P. Mohanty,

University of North Texas (UNT), USA

Program Chairs:

Anirban Sengupta,

Indian Institute of Technology (IIT) Indore

Madhavi Ganapathiraju,

University of Pittsburgh, USA

Debabrata Das,

International Institute of Information Technology
(IIIT), Bangalore

Publication Chairs:

Niranjan Ray,

Silicon Institute of Technology, Bhubaneswar, India

Finance Chairs:

Ajit Das,

International Institute of Information Technology
(IIIT) Bhubaneswar

Ajit K. Behera,

Orissa Information Technology Society (OITS),
Bhubaneswar

Publicity Chairs:

Priyadarshi Nanda,

University of Technology, Sydney, Australia

Souvik Ray,

ShareThis Inc., USA

Suvendu Rup,

IIIT Bhubaneswar

Tutorial Chairs:

Pradyut Biswal,

IIIT Bhubaneswar

Niladri Chatterjee,

Indian Institute of Technology (IIT) Delhi

Web Chair:

Mike Borowczak,

Erebus Labs, USA

Local Arrangement Chairs:

Rakesh C. Balabantaray,

IIIT Bhubaneswar

Siva Kumar Mishra,

IIIT Bhubaneswar

Registration Chairs:

Puspanjali Mohapatra,

IIIT Bhubaneswar

Advisors

Laxmi Narayan Bhuyan,

University of California Riverside, USA

Prasant Mohapatra,

University of California Davis, USA

Chandan Kumar Sarkar,

Chairman, IEEE Kolkata Section

Steering Committee

Durgamadhab Misra,

New Jersey Institute of Technology, USA

Saraju P. Mohanty,

University of North Texas (UNT), USA

Siba Prasad Misra,

President, Odisha IT Society, Bhubaneswar

Sudarsan Padhy,

Institute of Mathematics and Applications (IMA),
Bhubaneswar

Call for Papers

International Conference on Information Technology (ICIT) is a premier international forum for sharing high quality research in the areas of Information Technology. ICIT-2016 is being organized by Orissa Information Technology Society in collaboration with **IEEE and IIIT Bhubaneswar**. Researchers, developers, and practitioners from academia and industry are invited to present their research findings on various topics of IT and its applications. ICIT 2016 Proceedings will be published by IEEE-CS Conference Publishing Services (CPS) and will be sent to **IEEE Xplore** and **DBLP** for indexing.

ICIT encourages submissions in all the areas of information technology. However, the papers in the following tracks will be the primary focus of ICIT-2016. The submissions in each track could be on, but not limited to, the following topics:

1. **Information Security, Content Protection, and Digital Rights Management (DRM):** Watermarking, Steganography, Cryptography, Biometrics, Digital Libraries, Network Security, Computer Security, Ontologies and Reasoning, Applications of Semantic Web and Linked Data, Semantic Web Architecture Social Semantic Web.
2. **Text and Web-data Analytics (TWA):** Information retrieval, question answering, sentiment analysis, collaborative filtering and ontologies, Visual Data Mining, Privacy Sensitive Data Mining, Graph Data mining, Machine Learning, Mining Spatial and Temporal Data, Metadata and Meta modeling especially focused in the domains of social networks, social media including blogs and online collaborative environments.
3. **Modern Trends in Information and Computing Technology (ICT):** Big Data, Cloud Computing, Internet of Things, Bio-Informatics, Information Science including Multi-Agent Systems & Intelligent Systems, high performance computing, low power/energy-aware computing, Computer-Aided Design (CAD) for Behavioral/High-Level Synthesis and Optimization, High-level synthesis algorithms and methodology, IP core design, algorithms for IP core protection, algorithms for security aware behavioural synthesis, fault aware computing, CAD algorithms for smart devices, algorithm for biometric security.
4. **Sequential, Parallel and Distributed Computing (SPD):** Analysis and Design of exact and approximation algorithms, Parallel and Distributed Computing, Load balancing and partitioning, Cloud Computing, Parallel and Distributed algorithms in Data Mining and Computational Biology. Multi-cores, memory hierarchy, multiprocessor synchronization and debugging, concurrent programming, OS virtualization modeling and simulation, load balancing and partitioning, compiler techniques.
5. **Communication Networks and Protocols (CNP):** Broadband Multimedia Communications, Wireless Ad hoc/Sensor/IoT Networks, Wireless and Mobile Communications, Emerging Information Technology Networks, Vehicular ad-hoc network, Optical Fiber Network, SDN, Peer-to-peer, overlay, and content distribution networks, Energy- and power-aware communication, cognitive radio Networks.
6. **Biomedical Informatics (BMI):** Information and Computing Technologies topics mentioned in other tracks, but with specific application to Biomedical Informatics (Translational Bioinformatics and Clinical Informatics) will be considered in this track; additional topics of interest are the application of Crowdsourcing and Open Science Development to Biomedical Informatics.

PAPER SUBMISSION: Papers offering high quality original and unpublished research are solicited for this conference. The manuscripts need to be submitted online through the easychair (<https://easychair.org/conferences/?conf=icit20161>) in a standard 11pt font IEEE double column conference format of maximum 6-page length. All submitted papers will undergo double-blind-review consisting of leading researchers around the globe. Authors need to prevent identity disclosure by (1) not listing names and affiliations of the authors on the manuscript, (2) not saying "my work" or "our work" in the text while citing self-references, and (3) not writing acknowledgments in such a way that identity of authors are implied. Author information should only be included in the submission form. All accepted papers will be published provided that at least one author registers for the conference.

BEST PAPER AWARDS: Three awards will be conferred with due recommendations from the program committee from the papers presented in the conference. Each award will carry cash prize and citations. Amiya K. Pujari Award is provided for the Best Paper of the conference. Narayan Misra Award is given to the best paper from Orissa. One student best paper award will be awarded from the papers with students as the leading authors.

Important Deadlines

Paper Submission:

5th July, 2016

Tutorial Proposal Submission:

5th July, 2016

Authors Notification:

25th August, 2016

Camera Ready and Registration:

8th September, 2016