OCIT 2021

◆IEEE

19th OITS International Conference on Information Technology
16th - 18th December 2021, Bhubaneswar, India

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OCIT 2021

CALL FOR PAPERS

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The OITS International Conference on Information Technology (OCIT) is a premier international forum for high quality research in the areas of Information Technology. OCIT 2021 is being jointly organized by the Orissa Information Technology Society **(www.oits.org)** and Silicon Institute of Technology, Bhubaneswar, India **(www.silicon.ac.in)**. Researchers, developers, and practitioners from academia and industry are invited to present their research findings on various topics of IT and its applications. The proceedings of this conference will be published by IEEE (53463).

OCIT 2021 encourages submissions in all the areas of information technology. However, the papers in the following 6 tracks will be the primary focus of OCIT 2021:

- **Artificial Intelligence, Machine Learning, and Deep Learning (AMD)**
  Cognitive Science, Image Processing, Computer Vision, Natural Language Processing, Machine Translation, Convolutional Neural Network, Recurrent Neural Network, Explainable Machine Learning, Probabilistic Machine Learning, Reinforcement Learning, Sentiment Analysis, Collaborative Filtering.

- **Data Science (DSC)**
  Data Analytics, Soft Computing, Pattern Recognition. 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. Text Mining, Information Retrieval, Visual Data Mining, Privacy Sensitive Data Mining, and Graph Data mining. Big Data Analytics, Computational Finance, Computational Biology, Bioinformatics, Information Science including Multi-Agent Systems and Intelligent Systems, Biomedical Informatics.

- **Networking and Information Security (NIS)**
  Multimedia Communications Networks, Wireless Ad hoc/ Sensor/ IoT Networks, Mobile and Personal Area Networks. Information Technology Networks, Vehicular Ad-hoc network, Body Area Networks, Optical Fiber Networks, SDN, Peer-to-peer, Overlay, Content Distribution Networks, Cognitive Radio Networks and DNA Inter Networks. Information Security, Content Protection, and Digital Rights Management. Watermarking, Steganography, Cryptography, Biometrics, Digital Libraries, Network Security, Computer Security, Cyber Security.

- **Sequential, Parallel, Distributed and Cloud Computing (PDC)**
  Design and Analysis of Algorithms, Parallel and Distributed Computing, Load balancing and Partitioning. Multi-cores, Memory Hierarchy, Multiprocessor Synchronization and Debugging, Concurrent Programming, High Performance Computing. OS Virtualization, Modeling and Simulation, Load Balancing and Partitioning, Compiler Techniques. Cloud Computing, PaaS, SaaS, AaaS, IaaS, EaaS Modeling, Performance Analysis and Security Provisioning in Cloud Computing.

- **Multimedia, Signal Processing, Embedded Systems (MSE)**
  Ontology and Reasoning, Applications of Semantic Web and Linked Data, Semantic Web Architecture, Social Semantic Web. IP Core Design, Multi Media Audio and Video Streaming, Algorithms for IP Core Protection, Algorithms for Security Aware Behavioral Synthesis, Fault Aware Computing, CAD Algorithms for Smart Devices, Algorithms for Biometric Security.

- **Power, Smart Grid and Internet of Things (PSI)**
  Power Systems, Smart Grid, Smart Grid Applications, Grid Computing, Internet of Things, Low Power/ Energy-Aware Computing, IT Intervention in Power Distribution System Management, Power System Security Management through Advanced Information Technology Application, Computer-Aided Design (CAD) for Behavioral/High-Level Synthesis and Optimization, High-level synthesis algorithms and methodology.

PAPER SUBMISSION

Manuscripts offering high quality original and unpublished research, case studies and implementations are solicited. The manuscripts need to be formatted as IEEE double column conference format. The maximum length of the manuscript needs to be of 6-pages. All submitted papers will undergo a DOUBLE-blind-review by the program committee. 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. Manuscripts not following this requirement or exceeding 6-page length will be rejected without review. Authors need to submit a single pdf file of their manuscripts at: https://edas.info/N28434. OCIT 2021 will follow no-show policy, i.e., accepted papers are to be registered and presented, otherwise the paper will be removed from the proceedings.

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 a cash prize and citations. One student best paper prize will be awarded from the papers where the students are the leading authors.

Important Deadlines (2021) Paper Submission: 15 September 2021, Author Notification: September, 20th Camera Ready Manuscript: September, 28th Registration: October, 5th Conference: December, 16th-18th

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