

Call for Papers:

International Conference on Computing Science, Communication and Security (COMS2-2021)

February 6-7, 2021, Mehsana, Gujarat, India

<http://coms2.gnu.ac.in/>

Theme: Transforming Cyber Security using Artificial Intelligence and Machine Learning

International Conference on Computing Science, Communication and Security (COMS2) will be held at Ganpat University, Mehsana, Gujarat, India on 6th -7th February 2021. COMS2-2021 aims at providing an international forum for innovative researchers and practitioners from academia, industry and service providers working all around the world to discuss and address the challenges posed by innovation in Network Communication, Cyber Security, Artificial Intelligence (AI) and Machine Learning (ML).

Researchers, authors and industrial practitioner are invited to submit original high quality technical papers of their newest research findings, novel technical studies, innovative ideas and approaches and visionary papers in the broad field related to the tracks Network Communication, Cyber Security, Artificial Intelligence (AI) and Machine Learning (ML) and its future trends (but are not limited to):

Track 1 Network Communication: Communication and Networking, Emerging Technologies for Next Generation Network, Ad Hoc Networks, Sensor Network, Cognitive Radio, Satellite and Space Communications, Antenna and Propagation, High Performance Computing, Quantum Computing, Cloud Computing, Mobile and Ubiquitous computing.

Track 2 Cyber Security: Access Control, Cryptography, Security and Privacy, Trust based Security, Information Security, Biometrics Security, Internet Security, Computer Network Security, Application Security, Mobile Security, Phishing detection and prevention, Botnet detection, Malware identification and analysis, Web Service Security, Software Coding Security, Security in middleware, Interface and Interaction, Digital Trust and reputation, Secure Transactions, Secure Protocols, Cloud Computing Security and Privacy, Fault Tolerance and Diagnosis, Digital Watermarking, Fingerprinting, Stenography and Forensic Analysis of Cyber Crimes and Network Intrusion Detection.

Track 3 Artificial Intelligence and Machine Learning: Artificial Intelligence and Machine Learning, Detecting Cyber security Threats and Anomalies using Artificial Intelligence (AI) and Machine Learning (ML), Artificial Neural Networks, Fuzzy Logic, Expert Systems, Agents and Multi-agent Systems, Natural Language Processing, AI approaches to trust and reputation, Vulnerability testing through intelligent probing (e.g. fuzzing), Security of Deep Learning Systems, Anomalous behavior detection and Secure multiparty computation and cryptographic approaches, Data poisoning attacks on machine learning, Trojan/backdoor attacks on machine learning, Privacy of Machine Learning, Proxies and middleware for wireless and sensor networks security and Smart City Security and Privacy.

Papers submitted to COMS2-2021 will be assessed based on originality, technical soundness, clarity and interest to a wide audience.

KEY FEATURES:

Paper Publications: All accepted, registered and presented papers will be published in Scopus Indexed Springer CCIS Series # 1235 Conference Proceedings for COMS2-2021 (Proposed).

International Conference on Computing Science, Communication and Security (COMS2-2020) Proceedings published open access online <https://www.springer.com/978-981-15-6647-9>

Indexing: Springer CCIS Conference Proceedings of COMS-2021 will be Abstracting/Indexing in Scopus, DBLP, EI-Compendex and inclusion in ISI Proceedings. <https://www.springer.com/series/7899>

Best Paper Award: Two Best Papers (First and Second) will be awarded in each of the above two technical areas of research track.

The Extended version of the papers will be considered for publication in the following reputed Journal indices in Web of Science (SCI, SCIE, ESCI), Scopus and Compendex, ACM DL, Inspec etc.:

Journal Title: "International Journal of Smart Vehicles and Smart Transportation (IJSVST)" by IGI Global <https://www.igi-global.com/journal/international-journal-smart-vehicles-smart/222692>

IMPORTANT DATES:

Paper Submission: November 30, 2020 (Hard Deadline)

Paper Acceptance Notification: December 30, 2020

Registration Opens: December 30, 2020

Camera-Ready Papers: January 20, 2021

Conference Date: February 6-7, 2021

PAPER SUBMISSION, INSTRUCTIONS AND FORMATTING:

Authors are invited to submit their original research paper including results, tables, figures and references using following Springer OCS Submission Link:

<https://ocs.springer.com/ocs/home/COMS2>

Formatting of Paper: Authors are advised to prepare their papers according to the Springer formatting guidelines (Minimum 12 pages, around 400 words on each page should be written in English and in Word document /LaTeX) and add ORCID to their names in papers.

Please read the submission instructions before submitting your research work in the system.

<http://coms2.gnu.ac.in/paper-submission/>

KINDLY SHARE THIS CALL FOR PAPERS AMONG RESEARCHERS & FACULTY MEMBERS

FURTHER INFORMATION :

Please visit the following channels for more information:-

Web: <http://coms2.gnu.ac.in/>

Paper Submission Link: <https://ocs.springer.com/ocs/home/COMS2>

We are looking forward to your submission of papers and meeting with you during COMS2 – 2021.

Thanking you !

Organizing Committee-COMS2-2021

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