

4th International Conference on Cyber Security (ICCS), 2018

Suresh Gyan Vihar University, Jaipur
October 26-27, 2018

ALL ACCEPTED papers will be included in ELSEVIER-SSRN Digital Library.

Paper Submission Deadline: June 25, 2018

Paper submission Link: <https://easychair.org/conferences/?conf=iccs20181>

Conference Website: <http://iccs2018.iaasse.org/>

Call for Papers

Special Session: Role of Cyber Security in Data Mining & Its Applications.



Session Chair:

S.Balan, Researcher, PG & Research Department of Computer Science, Govt. Arts College (Autonomous), Coimbatore, Tamilnadu.

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Details of Proposed Session:

The aim of this special session is to convey the recent research innovation or ideas of data mining and its applications in cyber security. The cost of information processing and internet accessibility is sinking and hence there is an increase in the number of organizations which are becoming vulnerable to cyber-attacks. The massive increase in the rate of novel cyber-attacks has made data-mining-based techniques a critical component in detecting security threats. Data mining has many applications in security which includes national security (e.g., surveillance) as well as in cyber security (e.g., virus detection). The threats to national security include attacking buildings and destroying critical infrastructures such as power grids and telecommunication systems. Data mining techniques are being used to identify suspicious individuals and groups, and to discover which individuals and groups are capable of carrying out terrorist activities. Data mining is also being applied to provide solutions such as intrusion detection and auditing. Researchers, Academic Faculty, Industrialist, and Scientist have opportunity to present and share their own research ideas for better outcomes and future enhancement of the findings.

Topics of Interest for this session are: Full length original and unpublished research papers related to the below mentioned topics are invited for submission:

- Web Mining, Text Mining
- Applications of Data Mining In Cyber Security
- Cloud Computing
- Intrusion Detection and Prevention
- Fraud, Theft Detection and Anomaly Detection
- Data Stream Mining for Security
- Evaluating Data Mining Approaches to Security
- Detecting Data and Information Leakage Using Data Mining Techniques
- Detecting Malicious Code Using Data Mining Techniques
- Network Security, Image Processing.



S.Balan, Researcher, PG & Research Department of Computer Science, Govt. Arts College (Autonomous), Coimbatore. He holds M.Sc, M.Phil, (Ph.D). He has 8 years of research experience in Data Mining and Image Processing. Reviewed more than 50 research papers and published papers with foreign authors. Recently received 6 research awards and 1 IEEE project recognition. He is a Board member / Editorial member /Guest Editor/ Associate Editor/ Reviewer/ Guest Reviewer/ Technical Committee Member/ National Advisory Board/ Organizing Committee / International Scientific Committee Member / Advisory Role/ Journal Representative in more than 250 National / International conference / journals.



Dr.Manjula Sanjay Koti, Professor & Head, Department of Master in Computer Applications, Sir M Visvesvaraya Institute of Technology, Bangalore. She holds MCA, M.Phil, & Ph.D, from Kuvempu University and Bharathiar University. She has 17 years of teaching experience and her research interests include Data Warehousing & Mining, Data Analytics, Pattern recognition & Machine Learning. She is also a recipient of Research Excellence award, Excellence in Teaching Award and Best Paper awards for her contribution to research and teaching. She has also visited-Dubai and SriLanka for research presentations and has chaired several sessions in International Conferences. She has professional excellence as a Board member / Editorial member / Reviewer/ Technical Committee Member/ National Advisory Board / Conference / FDP / Workshop / Seminars / Symposium. She has published 1 book and 30 research papers in reputed International Journals.