

17th International Conference on Information Systems Security (ICISS-2021)

16th Dec 2021, Thursday

12:30 PM	Inaugural Ceremony and Opening Remarks		
1:00 PM	Keynote Talk: Privacy: Approaches, Limitations and Role of Fairness		Prof. Shyamasundar, IIT Bombay
02:30 PM	Paper Reading Session - 1		Applied Cryptography
Paper ID	Author Details	Title of the Work	Presenter
10	Krishnaraj Bhat	A Verifiable Lossless Multiple Secret Images Sharing Scheme	Krishnaraj Bhat, SVNIT Surat, Gujarat, India
12	Amane Takeshige, Haruhisa Kosuge, Hidema Tanaka	Experimental Verification of Estimated Block Size of BKZ Algorithm against LWE	Amane Takeshige, National Defense Academy, Japan
46	Habeeb Syed, Imtiyazuddin Shaik, Nitesh Emmadi, Harika Narumanchi, Meena Dilip Thakur, RAJAN M A	WiP: Privacy Enabled Biometric Authentication Based on Proof of Decryption Techniques	Shaik Imtiyazuddin, TCS Research and Innovation Labs, India
47	Imtiyazuddin Shaik, Raj Chaudhari, RAJAN M A, Jayavardhana Gubbi, Balamuralidhar P, Sachin Lodha	WiP: QoS based Recommendation system for efficient private inference of CNN using FHE	Shaik Imtiyazuddin, TCS Research and Innovation Labs, India
58	Debapriyay Mukhopadhyay	Improvement Over Montgomery Modular Multiplication	Debapriyay Mukhopadhyay, Vehere, India
59	Pranav Verma, Anish Mathuria, Sourish Dasgupta	Faster Private Rating Update via Integer-based Homomorphic Encryption	Pranav Verma, DAIICT, Gandhinagar, India

17th Dec 2021, Friday

08:30 AM	Keynote-1: Multi-agent Reasoning for Social Impact: Results from Deployments for Public Health and Conservation		Prof. Milind Tambe, Harvard University
10:00 AM	Paper Reading Session - 2		Attack Detection
Paper ID	Author Details	Title of the Work	Presenter
29	Shaurya Sood, Manash Saikia, Neminath Hubballi	WiP: Slow Rate HTTP Attack Detection with Behavioural Parameters	Shaurya Sood, Indian Institute of Technology Indore, India
32	Shivani Arya, Saurabh Chamotra	Multi-layer detection framework for spear-phishing attacks	Saurabh chamotra, Center For Development of Advanced Computing, India
40	Renjith G, Aji S	Vulnerability Analysis and Detection using Graph Neural Networks for Android Operating System	Renjith G, University of Kerala, India
02:00 PM	Paper Reading Session – 3		Distributed Data Safety & Security
Paper ID	Author Details	Title of the Work	Presenter
53	Vishwas Patil, RK Shyamasundar	Landcoin: A practical protocol for transfer-of-asset	Vishwas Patil, IIT Bombay, India
38	Sina Mahdipour Saravani, Indrajit Ray, Indrakshi Ray	Automated Identification of Social Media Bots using Deep fake Text Detection	Sina Mahdipour Saravani, Colorado State University, USA
03:00 PM	Keynote-2: Data Privacy Re-visited During Covid19		Prof. Omer Rana, Cardiff University, UK
Paper ID	Author Details	Title of the Work	Presenter
9	Khandakar Ashrafi Akbar, Yigong Wang, Islam Md Shihabul, Anoop Singhal, Latifur Khan, Bhavani Thuraisingham	Identifying Tactics of Advanced Persistent Threats with Limited Attack Trace	Khandakar Ashrafi Akbar, The University of Texas at Dallas, USA
60	Afshin Amighi, Mortaza Shoaie Bargh, Ahmad Omar	WiP: A Distributed Approach for SDC Technologies	Afshin Amighi, Rotterdam University of Applied Science, Netherlands
06:00 PM	ICISS Business Meeting		

18th Dec 2021, Saturday

09:00 AM	Keynote-3: Modeling and Leveraging Attrition in Cyber Operations	Prof. George Cybenko, Dartmouth University, USA	
10:30 AM	Paper Reading Session - 4		Malware Detection
Paper ID	Author Details	Title of the Work	Presenter
18	Tejpal Kumar, Gaurav Somani	Origin Information Assisted Hybrid Analysis to Detect APT Malware	Tejpal Kumar, Central University of Rajasthan, India
24	Sandeep Romana, Anil Bandgar, Mohit Kumar, Mahesh Uttam Patil, Lakshmi Eswari P R	Raising MIPS binaries to LLVM IR	Sandeep Romana, Center For Development of Advanced Computing, India
11:30 PM	Declaration of Best Paper and Concluding Remarks		