Cyber Security and Privacy Workshop

The Cyber Security and Privacy (CSP) Workshop will be held in conjunction with the annual COMSNETS conference on January 04, 2022. This workshop is intended to be a forum where researchers can meet and discuss the latest in cyber security and privacy topics as they apply to communications systems. Security and Privacy researchers and professionals from government, industry and academia are invited to propose and present original work in the following topics (or related areas):

- Authentication, authorization, and accounting
- Information Security protocols and architectures
- Security in wired, mobile and wireless communications
- Security in grid/cloud/pervasive computing
- Network Intrusion Detection and Prevention, firewalls, packet filters
- Public Key Infrastructures, key management, credential management
- Network and internet forensics techniques
- Secure routing and security management
- Malware, botnets, etc.
- Embedded system security
- Security in parallel and distributed systems
- Blockchain and distributed ledger technologies
- Security and privacy policies
- Anonymous communication and censorship resistance
- Security and privacy for e-commerce/m-commerce
- Security and privacy in social networks
- AI security and privacy
- Internet of Things security and privacy
- Mobile devices security and privacy
- Web security and privacy

Researchers are invited to submit papers based on original work in these and other topics related to cyber security and privacy.

Submission Guidelines

- The Cyber Security and Privacy Workshop invites submission of original work, not previously published, or under review at another conference or journal.
- Submissions (including title, author list, abstract, all figures, tables, and references) should not exceed **6 pages** in length. A minimum number of 3 pages are required.
- Reviews will be **single-blind**: authors name and affiliation should be included in the submission.
- Submissions must follow the formatting guidelines as given on IEEE Website; and those that do not meet the size and formatting requirements will not be reviewed.
- All papers must be in Adobe Portable Document Format (PDF) and submitted through the CSP Workshop submission site on EDAS.
- All workshop papers (full papers - both regular and invited) will appear in conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

Paper Submission Link: https://edas.info/N28668.

Important Dates

Paper submission deadline: **24 November 2021 11:59 PM (AoE)**
Notification of acceptance: 10 December 2021
Camera-ready submission due: 15 December 2021
Workshop date: 4 January 2022

Program Committee

Thomas Chen, City University of London, UK
Praveen Gauravaram, TCS Research, Australia
Vireshwar Kumar, Indian Institute of Technology Delhi, India
Souradyuti Paul, Indian Institute of Technology Bhilai, India
Vinay Ribeiro, Indian Institute of Technology Bombay, India

Keynote Speakers

Rajat Moona

Director, Indian Institute of Technology Bhilai

Professor Rajat Moona heads the Indian Institute of Technology, Bhilai (IIT Bhilai), which is one of the six new IITs established by the Ministry of Human Resource Development, Government of India.

Prof. Moona is also a Professor of Computer Science at IIT Kanpur and has supervised several postgraduate theses. He along with his students and colleagues, has authored 10 patents, several research papers, and books.

He had been instrumental in defining applications such as smart card driving license, vehicle registration, e-passport, electronic toll collection, mobility card, etc. The research area of Prof. Rajat Moona spans over embedded computing, computer security, VLSI design and Operating Systems.

In the past Prof. Moona was the Director of the Centre for Development of Advanced Computing (C-DAC) in capacity of Director General. Prof. Moona is recipient of several awards and

recognitions, including Indo-US Science and Technology Fellowship, Poonam and Prabhu Goel Chair Professorship, VASVIK Award for the year 2010, IESA Techno-visionary Award 2014, fellowship of Maharashtra Academy of Sciences 2015 and National award of Election Commission of India 2016 for the best electoral practices.

Prof. Rajat Moona is an active member of the technical committee of Election Commission of India for EVMs and has been instrumental in defining the EVMs and VVPAT. He has also been instrumental in defining national voter service portal and national electoral search for the voters.

Sitaram Chamarty

Principal Scientist, TCS Research

Sitaram Chamarty is part of TCS's Corporate Technology Office, working on Cybersecurity and Privacy research in TCS, with responsibilities split between both the research focus and the customer focus.

He has over 35 years of industry experience, of which the last 2 decades has been focused on security. He has a good breadth of knowledge in security and related topics at a broad level, with special focus on authentication, authorisation, access control methods, and applications of cryptography. He has an especially deep understanding and interest in the so-called "carbon layer", and best practices for individual security – something that keeps changing as the security landscape changes.

Sitaram has given several industry-perspective talks at various venues over the years, conducted several customer education events and security design reviews, including large automotive customers, has been key to formulating TCS' internal cryptography policy and is a member of TCS' internal Cybersecurity Task Force. He also led the development of "TCS Dhruvam", India's most successful PKI suite.

He's an open source enthusiast and evangelist, and has been using Linux exclusively since 1995. He's also a self-claimed expert in perl and git, and is the author of "Gitolite", a very popular and powerful access control tool for git, which is used by many large open source projects, including the Linux Kernel development project, FreeBSD, Fedora, KDE Neon, Gentoo, and many others. In addition, he was forced to become a quasi-expert in the legal aspects of open source!

Prior to focusing on security, Sitaram worked on data warehousing and language conversion and tools.

He holds a post graduate degree in Computer Science from ISI, Kolkata, India.

Workshop Co-Chairs

Yuval Elovici (Ben-Gurion University of the Negev, Israel)
Sachin Lodha (TCS Research, India)