



# ATIS 2021

International Conference on Applications and Techniques in Information Security

Virtual Conference, 16-17 December 2021.

Australia, China, India

<http://www.atis2021.conferences.academy>

## CALL FOR PAPERS

The 2021 International Conference on Applications and Technologies in Information Security (ATIS), will be the twelfth(12th) event in the ATIS series, which started in 2010.

ATIS 2021 focuses on all aspects of new theories, novel techniques and innovative applications of Cybersecurity, Zero Trust Access (ZTA) Architecture, and Privacy/Security of Autonomous Vehicles. The purpose of ATIS is to provide a forum for presentation and discussion of innovative ideas, research results, applications and experience from around the world.

The annual ATIS conference highlights new results in the design and analysis of digital security hardware and software implementations. ATIS provides a valuable connection between the theoretical and implementation communities and attracts participants from industry, academia, and government organisations.

- Accepted papers will appear in the proceedings to be published as Springer's [Communications in Computer and Information Science Series](#) (EI-indexed). Springer will systematically submit ATIS 2021 CCIS Volume to various indexing services, including EI-Compendex, DBLP, Google Scholar, etc.
- Full contribution of the relevant short and long papers will be invited in a [Thematic Series: Zero Trust Access Architecture](#) of Springer Cybersecurity Journal. All the publication fees for this Thematic Series: Zero Trust Access Architecture are waived. Authors may opt out in favour of a journal of their choice.

## Important Dates:

- Paper Submission Due: 30/09/2021
- Notification Due: 01/11/2021
- Camera Ready Due: 08/11/2021
- Conference Date: 16-17/12/2021

## Topics:

- Theories and Innovations on Zero Trust Access Architecture, Privacy and Security of Autonomous Vehicles, System Security, Network Security, Data-driven Security.
- Ethics and Social Issues (Law, Policy), Hardware Security Innovations in Cryptography, Advances in distributed and federated learning for security.
- Securing 5G and beyond networks, Privacy and Security of Age of Information, Big data and machine learning for network security, Cellular Network Security.
- Privacy and Security of Cloud computing/mobile cloud computing, Secure Crowdsourcing, CubeSats Security, Operating systems, Web and Mobile systems security.
- Distributed systems, Edge and Cloud security, Secure Cyber-physical systems, Secure intelligent transportation systems, Privacy and Security of Datacenter networking.
- Secure Edge and fog computing Fault tolerance, reliability and survivability, Advances in Information security and privacy, Information-centric network security.
- Internet architecture security, Privacy and Security of Internet of Things, Privacy/Security Mobile sensing and applications, Privacy/Security Mobility management and models.
- Privacy/Security Multimedia networking, Network virtualization, Overlay and peer-to-peer networks, resource management.
- Router and switch privacy/security design, Privacy/Security Smart grid applications
- Privacy/Security Social computing and networks, Software-defined networking, Vehicular networks, Web applications privacy/security and content distribution.

## Submissions:

All papers must be original and not simultaneously submitted to another journal or conference. The following paper categories are welcome:

- Full papers (12-14 pages, LNCS/LNAI style)
- Short papers (6-8 pages, LNCS/LNAI style)

The submitted paper should adhere to the **double-blind review policy**. All papers will be handled electronically and double-blind reviewed by the Program Committee on the basis of technical quality, relevance to ATIS, originality, significance, and clarity. All paper submissions will be handled electronically. **Papers that do not comply with the Submission Guidelines may be rejected without review.**

- Authors are strongly encouraged to use [Springer LNCS/LNAI manuscript submission guidelines](#) for their initial submissions.
- All papers must be submitted electronically through the [paper submission system](#) in PDF format only.
- Submitted papers must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings.
- Papers must be clearly presented in English and will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation.
- As papers will be blind refereed, submitted papers must be fully anonymous, with no author names, affiliations, acknowledgments, or obvious references. The paper must start with a title, an abstract, and keywords.
- Submission of a paper should be regarded as a commitment that, should the paper be accepted, at least one of the authors will register and attend the conference to present the work.

### Program Committee Chair:

- [Shiva Raj Pokhrel](#)  
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### Organization Chairs:

- Min Yu,  
Chinese Academy of Sciences, China.
- Bheemarjuna Reddy Tamma,  
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