** Call for Papers**

The 1st International Conference on Smart and Secure Computing (SMASEC 2020) –

For more details about this conference, please visit at:

https://easychair.org/cfp/smasec_2020

** On the World Wide Web **

December 25-26, 2020

The accepted papers of SMASEC 2020 will be published by Springer CCIS (Indexing in Scopus, Ei Compendex, and zbMATH)/ CRC Press, USA.
 1. Recent Trends in Blockchain for Information Systems Security and Privacy, CRC Press, USA.
2. Security and Privacy-Preserving Techniques in Wireless Robotics, CRC Press, USA
3.Data Science and Data Analytics: Opportunities and Challenges will be published by CRC, Press, USA.
At least one author of each accepted paper must register for the conference and present the paper there. The extended versions of few selected best papers will be invited for possible publication in listed below books series all of which are indexed in major indices (in accordance with their scope):
-Journal's List will be updated later.

Important Dates

Last date of Paper Submission: (Full Paper) 5th October 2020

Notification of Acceptance: 5th November 2020

Submission of Camera-ready papers and Author's Registration: 20th November 2020

Conference Dates: December 25th to 26th, 2020.

About SMASEC 2020

The International Conference on Smart and Secure Computing (SMASEC) is a major international conference bringing together researchers, engineers, and practitioners who work in the areas of smart / intelligent systems and securing computing. Today's Smart Systems and its applications are used in every possible area by industry and the real world, which require smart systems to be secured with novel and efficient mechanisms. SMASEC is planning to be conducted every year, attracts authors from over around the world. This conference is being conducted first time during December 25-26, 2020.

SMASEC 2020 is expected to provide an opportunity for researchers to meet and discuss the latest solutions, scientific results and methods in solving intriguing problems in the fields of Artificial Intelligence/ Computer Vision and its real world's applications. The conference programme will include workshops, special sessions and tutorials, along with prominent keynote speakers and regular paper presentations in parallel tracks. All submitted papers will be reviewed by experts in the field based on the criteria of originality, significance, quality and clarity. Conference contents will be submitted for inclusion in Springer/ CRC Press as well as other Abstracting and Indexing (A&I) databases.

Topics (not limited to)

- Fundamentals of Blockchain and Distribute Ledger Technology (DLT)
- Theoretical contributions on Blockchain and DLT
- Distributed consensus and fault tolerance solutions, including domain-specific consensus (e.g., for networking)
- Trade-offs between decentralization, scalability, performance and security
- Protocols and algorithms
- Extension/ variants of Blockchain Technology
- New models, practical solutions and technological advances related to Blockchain
- Authentication and authorization in Blockchain.
- Applications of Blockchain technologies in computer and hardware security
- Decentralized Apps, Smart contracts and chain code
- Development languages and tooling
- Security, Privacy, Attacks, Forensics
- Transaction Monitoring and Analysis
- Building trust/ Distributed Trust using Blockchain
- Vulnerabilities on smart contract
- Implementation challenges facing Blockchain technologies
- Blockchain-based threat intelligence and threat analytics techniques
- Application and service cases of DLT and Smart-Contracts
- Finance and payment
- Internet of Things (IoT) and cyber physical systems
- Smart grids, Society 5.0 and Industry 4.0
- Networking like Edge, Fog and Cloud Technologies
- Blockchain for Artificial intelligence
- Blockchain for Big Data
- Blockchain-Enabled Cloud Data Preservation Services
- Blockchain-Enabled transportation Services
- 5G Technologies, Telecom Process and Operation
- Supply chain management and other real world's applications
- Blockchain as a service for Connected and autonomous vehicles

- Services or Resources Marketplaces
- Blockchain-defined networking
- Blockchain for Information Systems – Introduction
- Blockchain as a service : From Networking Perspective
- Blockchain-defined Applications: Artificial Intelligence, and Big data
- Blockchain-defined Applications: Extensions
- Security and Privacy aspects for Real world applications using Blockchain
- Security and Privacy aspects of Blockchain for Information Systems
- Open issues, critical challenges related to Blockchain for Information Systems
- Future research directions towards Blockchain for Information Systems
- Blockchain Meets Cyber-security: Security, Privacy, Challenges, and Opportunity
- Exploring Topics in Blockchain-Enabled Internet of Things
- Blockchain for Information Systems – Applications
- State-of-the-art of the Blockchain technology and cyber-security for Information systems
- Blockchain Technologies and Methodologies for Information systems
- Recent development and emerging trends using Blockchain for securing Information systems
- Theory of Blockchain for Information systems
- Blockchain-based security of financial Information systems
- Blockchain-based security of health Information systems
- Blockchain-based security solutions of smart cities Information systems
- Blockchain for Internet of Things (IoT) Information systems
- Applications of Blockchain technologies in digital forensic for Information systems
- Scalability and efficiency of Blockchain-based Information systems
- Blockchain-based open-source tools for Information systems
- Forensics readiness of Blockchain technologies

- Intelligent Systems Architectures and Applications
- Intelligent Business Systems
- Intelligent Control and Automation
- Intelligent Knowledge Management
- Innovative Information Security
- Authentication mechanisms in Wireless Robotics applications
- Authorization and identification techniques for Wireless Robotics systems
- Privacy and trust aware Wireless Robotics systems
- Collaborative trust mechanisms
- Lightweight cryptographic protocols
- Cryptanalysis of attacks vectors in Wireless Robotics environment
- Privacy-Enhancing Protocols in Wireless Robotics
- Malware and Intrusion Detection in Wireless Robotics
- Assessment of Threat and Security Models for Wireless Robotics
- Secure Computing in Wireless Robotics
- Access Control in Wireless Robotics
- Security and Privacy in Sensor Data Management and processing
- Security and Privacy in Sensor Data Mining and Data Analytics
- Security and Privacy aspects in Wireless Robotics
- Device security for Internet of Things, Wireless Robotics and Wireless Sensor Network, etc.
- Artificial Intelligence based security and privacy-preserving techniques
- Blockchain solutions for data integrity and privacy protection
- Artificial Intelligence for Cloud and Edge Computing Applications
- Artificial Intelligence for Cyber-related areas

Submission Guidelines

Submission of paper should be made through the submission page from the conference web page. Please refer to the conference website for guidelines to prepare your manuscript.

Paper format templates

Will be updated later

SMASEC'20 Submission Link
----

https://easychair.org/conferences/?conf=smasec2020

SMASEC 2020 Organization

Chief Patron

Dr.S.Kothandaraman, Principal
Pondicherry Engineering College

Patron

Dr.R.Manoharan, Professor & Head
Department of CSE
Pondicherry Engineering College

Chairman

Dr.K.Vivekanandan, Registrar & Dean (Students)
Department of CSE
Pondicherry Engineering College

General Chairs

Amit Kumar Tyagi, Vellore Institute of Technology, India
Niladhuri Sreenath, Pondicherry Engineering College, India

Program Chairs

Shavata Malik, Terna College of Engineering, India
Gillala Rekha, K L University, India.

Technical Contact

Dr. N. Sreenath
Email: nsreenath@pec.edu

Dr. Amit Kumar Tyagi
Email: amitkrtyagi025@gmail.com

Contact no. +91-9487868518.

List of Keynote Speakers

1.Nebojsa Bacanin, Serbia
2.Rehena Sulthana, Australia
3.Niloy Sarkar, PhD, The Neotia University, India
4. Samaher Al_Janabi, Iraq
5. Sobhan Sarkar, U.K

Venue

On the World Wide Web

Conference Dates

December 25th - 26th, 2020.

Publication

All the selected papers will be published in Springer / CRC book series (Listed below), Indexing in Scopus, Web of Science, Google Scholar, ISI Proceedings, and Springer Link.
1. Artificial Intelligence for Cyber Security - Methods, Issues and Possible Horizons or Opportunities will be published by Springer- Studies in Computational Intelligence(Q4-SCOPUS, SJR Value: 0.22 (2019))
 2. Recent Trends in Blockchain for Information Systems Security and Privacy, CRC Press, USA.
3. Security and Privacy-Preserving Techniques in Wireless Robotics, CRC Press, USA

 Note: All submitted papers must be the authors' unpublished work and should not be under consideration elsewhere. The plagiarism of the papers should be less than10%. Paper submissions should be made electronically through the Easy Chair conference system. https://easychair.org/conferences/?conf=smasec2020

All Selected and Presented papers of SMASEC2020 will be published in Springer/ CRC Press, USA (https://www.routledge.com/).Indexing in Scopus for CRC Press depends on Quality of Papers.

Extended work of selected papers of SMASEC2020 will be published in Springer/ Elsevier (Indexing in Scopus, Ei Compendex, and zbMATH):

- Journal's List will be updated later

Technical Program Committee (General)

Abhijnan Chakraborty, Max Planck Institute for Software Systems
Abhishek Kumar Singh, Flipkart
Akhil Arora, Ecole Polytechnique Fédérale de Lausanne
Akshar Kaul, IBM
Amit Awekar, IIT Guwahati
Anand Mishra, IIT Jodhpur
Animesh Mukherjee, IIT Kharagpur
Anirban Chakraborty, IISc Bangalore
Anshuman Dutt, Microsoft
Arijit Biswas, Jadavpur University
Arindam Pal, Data61, CSIRO, Sydney, NSW, Australia
Arlei Silva, UCSB
Arpita Biswas, Google Research
Arun Rajkumar, IISc Bangalore
Ashish Mittal, IBM
Ashutosh Modi, IIT Kanpur
Avinash Sharma, IIIT Hyderabad
Balaji Vasan Srinivasan, Adobe Research Bangalore
Balamurali A R, IITB Monash Research Academy
Biplav Srivastava, IBM
C V Jawahar, IIIT Hyderabad
Chinya Ravishankar, University of California Riverside
Debapriyo Majumdar, Indian Statistical Institute Kolkata
Debasis Ganguly, IBM Research Lab Ireland
Deepak P, Queen's University Belfast
Deepak Mishra, IIT Jodhpur
Dinesh Garg, IIT Gandhinagar
Durga Toshniwal, IIT Roorkee
Dwaipayan Roy, GESIS -- Leibniz Institute for the Social Sciences
Faisal Nawab, UCSB
Ganesh Jawahar, INRIA
Gautam Shroff, TCS Research
George H. L. Fletcher, Eindhoven University of Technology
Himanshu Gupta, IBM Research, India
Himanshu Bhatt, IIIT Delhi
Jaydeep Sen, IIT Kanpur
Jithin Vachery, NUS
Kamalakar Karlapalem, IIIT Hyderabad
Karin Murthy, IBM
Krishna Reddy Polepalli, IIIT Hyderabad

Lavanya Sita Tekumalla, IISc Bangalore
Lei Cao, Massachusetts Institute of Technology
Lini Thomas, IIIT Hyderabad
Madhulika Mohanty, IIT Delhi
Manik Gupta, BITS Pilani Hyderabad
Manish Singh, IIT Hyderabad
Manjira Sinha, Xerox research, India
Manoj Agarwal, Microsoft
Maunendra Sankar Desarkar, IIT Hyderabad
Maya Ramanath, IIT Delhi
Mayank Singh, IIT Kharagpur
Mayukh Das, University of Texas Dalas
Narayanan Edakunni, Conduent Labs, India
Natwar Modani, Adobe Research
Niketan Pansare, Apple
Niladri Chatterjee, IIT Delhi
Niraj Kumar, Conduent Labs, India
Nishant Sinha, OffNote Labs
Nishtha Madaan, IBM Research, India

List of Reviewers

Pabitra Mitra, IIT Kharagpur
Panagiotis Karras, Aarhus University
Partha Talukdar, IISc Bangalore
Pavan Edara, Google
Pawan Goyal, IIT Kharagpur
Pinkesh Badjatiya, Adobe
Ponnurangam Kumaraguru, IIIT Delhi
Prathosh Ap, IIT
Preethi Jyothi, University of Illinois at Urbana-Champaign
Prithu Banerjee, IIT Guwahati
Priya Radhakrishnan, IIIT Hyderabad
Raghav Kaushik, Microsoft
Rajeev Gupta, Microsoft
Raju Balakrishnan, Orkus
Ramasuri Narayanam, IBM Research, India
Ravi Ramamurthy, Microsoft
Ravi Kiran Sarvadevabhatla, IIIT Hyderabad
Reynold Cheng, The University of Hong Kong
Richa Singh, IIT Jodhpur
Rishi Ranjan Singh, IIT Bhilai
Rishiraj Saha Roy, Max Planck Institute for Informatics
S. Sudarshan, IIT Bombay
Sainyam Galhotra, University of Massachusetts Amherst
Sambuddha Roy, Microsoft
Sandeep Hans, IBM
Saptarshi Ghosh, IIT Kharagpur
Sathya Peri, IIT Hyderabad

Shanmuganathan Raman, IIT Gandhinagar
Shantanu Sharma, University of California, Irvine
Shashi Shekhar, University of Minnesota
Shirish Tatikonda, Target Corp.
Shivali Agarwal, IBM Research, India
Shou Lidan, CAD&CG State Key Lab, Zhejiang University
Soma Biswas, IISc
Sourangshu Bhattacharya, IIT Kharagpur
Sourav Medya, UCSB
Sreenivasa Kumar P, IIT Madras
Srijan Kumar, Georgia Institute of Technology
Srikanta Bedathur, IIT Delhi
Srinath Srinivasa, IIIT Bangalore
Subba Reddy Oota, IIIT Hyderabad
Sudeshna Sarkar, IIT Kharagpur
Sujatha Das Gollapalli, I2R, A*STAR
Tanmay Basu, University of Birmingham, UK
Tanu Malik, DePaul University
Tirthankar Dasgupta, Tata Consultancy Services
V. Susheela Devi, IISc Bangalore
Vasudeva Varma, IIIT Hyderabad
Vijay Gabale, Huew
Vikram Pudi, IIIT Hyderabad
Vikram Goyal, IIIT Delhi
Viswanath Gunturi, IIT Ropar
Vivek Narasayya, Microsoft
Xi He, University of Waterloo
Yashaswi Verma, IIT Jodhpur

Program Committee (Technical)

Prof. Richa Goyal, J.L.N. Government College, Haryana, India,
Shalini Rajawat, Associate Professor, Poornima University, Rajasthan, India,
Dr. Lalit Singh, Scientist, BARC, Department of Atomic Energy, Government of India,
Akshar Kaul, IBM
Akshay Gugnani, IBM Research
Atri Mandal, IBM
Balaji Ganesan, IBM
Dinesh Khandelwal, IBM Research Delhi
Ganesh Shankar, FluxGen Engineering Technologies Pvt. Ltd.
Harshad Khadilkar, TCS
Hima Patel, IBM
Jaydeep Sen, IBM Research
Kedar Kulkarni, IBM
Mathangi Sri, GoJek
Pooja Aggarwal, IBM Research
Pranay Lohia, IBM Research
Prasant Misra, TCS Research
Rahul Agrawal, Microsoft AdCenter
Rajmohan C, IBM

Sambaran Bandyopadhyay, IBM
Sandeep Hans, Technion
Shrutendra Harsola, Intuit AI
Somak Aditya, Microsoft Research
Sunayana Sitaram, Microsoft Research
Tejas Dhamecha, IBM
Vishwa Vinay, Adobe Research
Zainul Charbiwala, Tricog Health

Program Committee (Research)

Arpita Biswas, Google Research
Srinivas Karthik, Ecole Polytechnique Fédérale de Lausanne
Dippy Aggarwal, Intel Corporation
Venkatesh Emani, Microsoft Gray Systems Lab
Bikash Chandra, Ecole Polytechnique Fédérale de Lausanne
Ayushi Rastogi, TU Delft
Adway Mitra, IIT Kharagpur
Bhargav Gulavani, Microsoft Research India
Harish Doraiswamy, New York University
Sivaram Mudunuri, Walmart
Anusha Mujumdar, Ericcson Research
Harshad Deshmukh, Google
Yash Govind, University of Wisconsin-Madison
Aishwarya Ganesan, University of Wisconsin-Madison

Important Dates

Last date of Paper Submission: (Full Paper) 5th October 2020
Notification of Acceptance: 5th November 2020
Submission of Camera-ready papers and Author's Registration: 20th November 2020
Conference Dates: December 25th to 26th, 2020.

Important Message on COVID-19

In the context of evolving global conditions of COVID-19, we are working toward providing a safe environment to our community during SMASE 2020. So this conference will be organized completely in virtual mode.

Deadlines: The deadlines will remain the same.

So keep going and catch it up!!

Note: There are two Best Paper Awards per Track. Each award carries a certificate and a memento.