

We are in the age of digital economy. It has seen the unprecedented progress in artificial intelligence, big data, blockchain, to name a few. However, security and privacy concerns are critical issues in this booming digital economy. The purpose of this conference is to offer a timely venue for researchers and industry partners in framework of digital economy to present and discuss their latest results in security and privacy related fields. We focus on the **Security and Privacy Issues in Digital Economy** from the following perspectives, but are not limited to:

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|-------------------------------------|--------------------------|
| ○ Artificial intelligence           | ○ Machine learning       |
| ○ Generative adversarial networks   | ○ Differential privacy   |
| ○ Driverless vehicular systems      | ○ Internet of Things     |
| ○ Threat and vulnerability analysis | ○ Blockchain systems     |
| ○ Cloud and fog systems             | ○ Social networks        |
| ○ Cryptography systems              | ○ Trust and forensics    |
| ○ Anonymous communication           | ○ E-health and aged care |
| ○ Attacks and counter measures      | ○ Complex networks       |

### Conference Highlights

- **Invited Talks:** We present 5 cutting-edge keynotes from international leading researchers, and 10 invited talks from the distinguished experts in the front line of cybersecurity domain.
- **Social Events:** We will offer high-quality social events during the conference. Students, young researchers and engineers can talk with the renowned scholars.
- **Paper Awards:** All accepted and presented papers at SPDE2020 will contest for best paper awards in a variety of tracks: Best Conference Paper, Best Student Paper, Best Application Paper, and Best Innovation Paper.
- **Special Issues:** Selected SPDE2020 papers will be invited for possible publication in the special issues of the SCI-indexed journals.

### Submission Instruction

The proceedings will be published by Springer, EI-indexed. We call for original and unpublished papers no longer than 14 pages. The reviews will be single-blinded. The manuscripts should be formatted in standard Springer camera-ready format and be submitted as PDF files. More details could be found at the conference website: <http://spde2020.csp.escience.cn/>, and enquiries to email [spde2020@sdedi.org.cn](mailto:spde2020@sdedi.org.cn).

### Quick Facts on Quzhou

Quzhou is a garden-city of western Zhejiang, China. It borders Hangzhou city to her north. It is very convenient by high-speed train to the city, only about one or two hours from Hangzhou or Shanghai, respectively. Quzhou Airport is located three kms away from the city center. Quzhou has many famous scenic spots, including Ancestral Temple of the Southern Confucian and the Lanke Mountain.

### Important Dates

**Submission Deadline:** May 1, 2020  
**Authors Notification:** July 1, 2020  
**Final Manuscript Due:** August 1, 2020  
**Conference Date:** Oct. 30 – Nov. 1, 2020

### Organizing Committee

#### General Co-Chairs

George Karagiannidis, *AUTH, Greece*  
 Zhensheng Zhang, *Boeing, USA*

#### Technical Program Co-Chairs

Shui Yu, *UTS, Australia*  
 Peter Mueller, *IBM Research, Zurich*  
 Jiangbo Qian, *Ningbo University, China*

#### Special Issue Co-Chairs

Ruidong Li, *NICT, Japan*  
 Lianying Qi, *Qufu Normal University, China*

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Keshav Sood, *Deakin University, Australia*  
 Li Dong, *Ningbo University, China*

#### Publicity Co-Chairs

Danda Rawat, *Howard University, USA*  
 Youyang Qu, *Deakin University, Australia*

#### Local Co-Chairs

Zhijun Xie, *Ningbo University, China*  
 Lang Lin, *SDEDI, China*

### Special Issues (partial)

#### Computer Communications [IF=2.766]

*Special Issue on Secure Artificial Intelligence in Mobile Edge Computing*

#### IEEE Access [IF=4.098]

*Special Issue on Internet-of-Things Attacks and Defenses: Recent Advances and Challenges*

#### Physical Communication [IF=1.451]

*Special Issue on Artificial Intelligence for Physical Layer Wireless Communications*

#### Digital Communications and Networks

*Special Issue on Security and Privacy for AI-powered Smart IoT Applications*