

# The 2022 IEEE International Conference on Privacy Computing (PriComp-2022)

December 15-18, 2022, Haikou, China

<http://pricomp2022.privacycomputing.net>

## CALL FOR PAPERS

PriComp 2022 is the 8th in this series of conferences started in 2015 that are devoted to algorithms and architectures for Privacy Computing. PriComp conference provides a forum for academics and practitioners from countries around the world to exchange ideas for improving the efficiency, performance, reliability, security and interoperability of Privacy Computing systems and applications.

Following the traditions of the previous successful PriComp conferences held in Fuzhou, China (2015); Qingdao, China (2016); Melbourne, Australia (2017); Boppard, Germany (2018); Canterbury, UK (2019); Hainan, China (2020) and Xi'an, Shanghai, China (online, 2021); PriComp 2022 will be held in Haikou, China. PriComp 2022 will focus on an evolving pathway from privacy protection to privacy computing, by serving as an international premier forum for engineers and scientists in academia, industry, and government to address the resulting profound challenges and to present and discuss their new ideas, research results, applications and experience on all aspects of privacy computing. The conference of PriComp 2022 is co-organized by Chinese Information Processing Society of China, Institute of Information Engineering, CAS, and Hainan University.

TOPICS	DATES	ORGANISING COMMITTEE
<ul style="list-style-type: none"> <li>Theories and foundations for privacy computing</li> <li>Programming languages and compilers for privacy computing</li> <li>Privacy computing models</li> <li>Privacy metrics and formalization</li> <li>Privacy taxonomies and ontologies</li> <li>Privacy information management and engineering</li> <li>Privacy operation and modeling</li> <li>Data utility and privacy loss</li> <li>Cryptography for privacy protection</li> <li>Privacy protection based information hiding and sharing</li> <li>Data analytics oriented privacy control and protection</li> <li>Privacy-aware information collection</li> <li>Privacy sensing and distribution</li> </ul>	<p><b>Workshop Proposal</b> Jul. 15, 2022</p> <p><b>Paper Submission</b> Sep. 1, 2022</p> <p><b>Author Notification</b> Oct. 1, 2022</p> <p><b>Camera Ready</b> Oct. 31, 2022</p> <p><b>Conference Date</b> Dec. 15-18, 2022</p>	<p><b>General Chairs</b> Fenghua Li, Institute of Information Engineering, CAS, China Laurence T. Yang, Hainan Univ., China</p> <p>Willy Susilo, Univ. of Wollongong, Australia</p> <p><b>Program Chairs</b> Hui Li, Xidian Univ., China Mamoun Alazab, Charles Darwin Univ., Australia</p> <p>Jun Feng, Huazhong Univ. of Sci. and Tech., China</p> <p><b>Local Chairs</b> Weidong Qiu, Shanghai Jiaotong Univ., China Jieren Cheng, Hainan Univ., China</p>
<ul style="list-style-type: none"> <li>Combined and comprehensive privacy protection</li> <li>Privacy-preserving data publishing</li> <li>Private information storage</li> <li>Private integration and synergy</li> <li>Private information exchange and sharing</li> <li>Privacy inference and reasoning</li> <li>Internet and web privacy</li> <li>Cloud privacy</li> <li>Social media privacy</li> <li>Mobile privacy</li> <li>Location privacy</li> <li>IoT privacy</li> <li>Behavioral advertising</li> <li>Privacy in large ecosystems such as smart cities</li> <li>Privacy of AI models and systems</li> <li>AI for privacy computing</li> <li>Privacy and blockchain</li> <li>User-centric privacy protection solutions</li> <li>Human factors in privacy computing</li> <li>Privacy nudging</li> <li>Automated solutions for privacy policies and notices</li> <li>Legal issues in privacy computing and other interdisciplinary topics</li> </ul>	<p><b>ORGANIZERS</b></p> 	<p><b>SUBMISSION AND PUBLICATION</b></p> <ul style="list-style-type: none"> <li>Main conference papers are limited to 8 pages (regular paper), or 6 pages (short paper), and 2-4 pages for a poster paper following the IEEE proceedings format, and are to be submitted as PDF via the site: <a href="https://edas.info/N29960">https://edas.info/N29960</a>.</li> <li>Accepted and presented papers will be included into the conference proceedings. Distinguished papers presented at the conference, after further revision, will be published in special issues of selected journals.</li> </ul>
	<p><b>SPONSORS</b></p> 	<p><b>CO-LOCATED CONFERENCES</b></p> <ul style="list-style-type: none"> <li>The 8th IEEE Smart World Congress (SmartWorld 2022)</li> <li>The 2022 IEEE Int'l Conf. on Metaverse (Metaverse 2022)</li> <li>The 19th IEEE Int'l Conf. on Ubiquitous Intelligence and Computing (UIC 2022)</li> <li>The 19th IEEE Int'l Conf. on Autonomous and Trust Vehicles Conference (ATC 2022)</li> <li>The 22th IEEE Int'l Conf. on Scalable Computing &amp; Commun. (ScalCom 2022)</li> <li>The 2022 IEEE Int'l Conf. on Digital Twin (Digital Twin 2022)</li> </ul>