
## Main conference submissions due: December 30, 2021

## Paper notification: April 1, 2022

## Camera-ready due: May 1, 2022

## Registration: May 1, 2022

## Submission via EasyChair: https://easychair.org/conferences/?conf=compsac2022

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## Computers, Software, and Applications in an Uncertain World

**https://ieeecompsac.computer.org/2022/**

It is clear that we are heading towards an uncertain world resulting from the COVID-19 pandemic and from ongoing political disputes. This uncertainty has significant and direct implications for all aspects of the computer industry. To thrive in this increasingly uncertain world, innovations of computer hardware, software, and applications have emerged as a pressing need. The emerging interconnected world demands new developments in sensor-based communication hardware and operating systems. Software engineering continues to prove essential to our daily lives ranging from financial services, health care, remote learning platforms, social networks to the era of connected and autonomous vehicles, and artificial intelligence control. Governing organizations have responded to this trend by defining regulations and standards to address issues such as safety, security, and resiliency of computer hardware and software systems and applications. However, unique challenges originate from mandating these requirements under uncertainty in the absence of sound and complete solutions applicable to these new types of systems and applications. As computer researchers, we see these challenges as opportunities to fill gaps in how all dimensions of computing are developed, utilized, and supported. How to improve the resiliency of these components across a wide range of use domains is a significant challenge we suddenly find ourselves facing. How do we design systems that are able to withstand the stress of global-scale use, and still provide robust and secure services to end-users?

*COMPSAC is the IEEE Computer Society Signature Conference on Computers, Software, and Applications. It is a major international forum for academia, industry, and government to discuss research results and advancements, emerging challenges, and future trends in computer and software technologies and applications.*

**Authors are invited to submit original, unpublished research work and industrial practice reports. Simultaneous submission to other publication venues is not permitted except as highlighted in the COMPSAC 2022 J1C2 & C1J2 program. Submissions must adhere to IEEE Publishing Policies and will be vetted through the IEEE CrossCheck portal.**

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