



The 20th IEEE International Conference on Dependable, Autonomic & Secure Computing (DASC 2022)

<http://cyber-science.org/2022/dasc/>

joint conference IEEE DASC/PICom/CBDCoM/CyberSciTech 2022
September 12 - 15, 2022 Calabria, Italy

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Important Dates

Workshop/SS Proposal Due: 15 Mar 2022

Workshop/SS Proposal Notification: 01 Apr 2022

Paper Submission: 01 Jun 2022

Acceptance Notification: 01 Jul 2022

Camera-ready Submission: 15 Jul 2022

As computer and communication systems as well as other systems such as Cyber-Physical Systems (CPS), Internet of Things (IoT), Autonomous Robotic Systems become increasingly large and complex, their Dependability and Security play critical role at supporting next-generation science, engineering, and commercial applications. It remains a challenge to design, analyze, evaluate, and improve the dependability and security for a large-scale computing environment. Trusted and autonomic computing/autonomous systems need synergistic research efforts covering many disciplines, from natural sciences to social sciences. It requires scientific and technological advances in a variety of fields, as well as new software, architectures, and communication technology that support the integration of the constituent technologies. IEEE DASC 2021 will be held during Sept. 5-8, 2022 in Calabria, co-located with IEEE CyberSciTech 2022, IEEE PICom 2022, and IEEE CBDCoM 2022. It aims to bring together computer scientists, industrial engineers, and researchers to discuss and exchange theoretical and implementation results, novel designs, work-in-progress, experience, case studies, and trend-setting ideas in the areas of dependability, security, trust and/or autonomic computing, and autonomous systems.

Tracks and Topics

Track 1: Dependable and Fault-tolerant Computing

Track 2: Network and System Security and Privacy

Track 3: Autonomic Computing and Autonomous Systems

Track 4: Industrial Applications and Emerging Techniques

Topics of interests include, but are not restricted to:

Self-Organization and Organic Computing; Cognitive Computing and Self-Aware Computing; Energy Management in Autonomic Computing and Autonomous Systems; Dependable & Fault-tolerant Computing in Big Data, CPS, IoT, SDN, and Real-time System; Hardware and Software Reliability, Verification and Testing; Security and Privacy in Cloud/Fog/Edge Computing, Mobile and Pervasive Computing, Big Data, CPS and IoT systems; Artificial Intelligence Techniques in Network and System Security and Privacy; Autonomic and Autonomous Issues in Cloud/Fog/Edge Computing, Mobile and Pervasive Computing, Big Data, CPS and IoT systems; Software/Apps/Tools Development for Dependable and Secure Applications; IoT and Sensor Network, Big Data, Smart Grid, Aerospace, Transportation Applications

Submission Instructions

Authors are invited to submit their original research work that has not previously been submitted or published in any other venue. Regular, work-in-progress (WiP), workshop/special session, and poster papers need to be submitted via EasyChair <https://easychair.org/conferences/?conf=dascpicomcbdcocomcyber>.

Papers should be prepared in IEEE CS Proceedings format. IEEE formatting information:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

All accepted papers in the main tracks, workshops, special sessions and demos/posters will be published in an IEEE Computer Society proceedings (IEEE-DL and EI indexed). Best Paper Awards will be presented to high quality papers. Selected papers will be recommended to prestigious journal Special Issues.

Some papers originally submitted as full papers can be accepted as short papers or posters during the review process. In such cases, the authors will need to reduce the paper accordingly when preparing the camera-ready version. At least one of the authors of any accepted paper is requested to register and present the paper at the conference.

Regular Tracks: 6-8 pages

WiP/Workshop/Special Session Tracks: 4-6 pages

Poster Track: 2-4 pages