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Alex Orailoglu · Matthias Jung ·
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Embedded Computer Systems: Architectures, Modeling, and Simulation

20th International Conference, SAMOS 2020
Samos, Greece, July 5–9, 2020
Proceedings

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Preface

For 20 years, SAMOS has brought together researchers from both academia and industry to the quiet and inspiring mediterranean island of Samos, Greece, which is different to many other conference locations.

This year, 35 papers from 13 countries were submitted to the regular conference. Each paper was thoroughly reviewed by four reviewers. A first round of discussions was initiated online, followed by a remote Technical Program Committee (TPC) meeting that decided the final paper selection. Out of the 35 submissions, 16 papers were selected by the TPC for the technical program of the conference.

The conference program included 9 papers in two special sessions on (1) “Innovative Architectures for Security,” organized by Francesco Regazzoni (University of Amsterdam, The Netherlands), and (2) “European Projects on Embedded and High Performance Computing for Health Applications,” organized by Giampaolo Agosta (Politecnico di Milano, Italy).

In 2020, unfortunately, we could not experience the spirit of SAMOS due to the global COVID-19 pandemia. There were no physical presentations, no lively discussions in panels, and no social activities which were usually used to deepen the discussions of the morning conference sessions, since SAMOS XX was held as a virtual event. We want to thank all the authors who trusted in the conference, submitted their papers, and prepared their presentation as excellent videos. Moreover, we want to thank the TPC for carefully reviewing the submitted papers, so that we could still provide an excellent, high-quality virtual program. Although it was a fully virtual event, the participants discussed the presentations using the commenting feature of the SAMOS website. We sincerely hope that in 2021 we can celebrate the 20th anniversary of SAMOS again in person.

July 2020

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