2nd International Conference on Computer Science's Complex Systems and their Applications (ICCSA'2021)

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Preface

Complex systems are composed of several interacting components. In fact, these interactions are the source of many properties of complex systems, such as the emergence, the self-organization, the nonlinearity and the adaptation. In addition, these systems are often used to characterize several problems in different fields, like the biology, the sociology, the psychology and the economy. They represent an interdisciplinary domain.

Computer science plays two major roles in the context of complex systems. In the one hand, it provides adequate tools to model and simulate such systems. Nowadays, many computer systems can be considered as complex systems, in the other hand. Indeed, the current computer systems are composed of several interacting components where the complex systems' characteristics can emerge.

In this context, the main purpose of the second international conference on computer science's complex systems and their applications (ICCSA'2021), organized by the research laboratory on computer science's complex systems (ReLa(CS)^2) – University of Oum El Bouaghi (Algeria) from May 25th – 26th, 2021, is studying these systems. It brings together academics, industry experts and education leaders from all over the world to discuss incredibly wide range of topics ranging from Computer security, computer networks, embedded systems, image and video processing, modelling and simulation and intelligent distributed systems to name a few. Furthermore, after the first successful edition (ICCSA'2016), this edition has the special goal to strengthen its role as a meeting point for the researchers in the field. For this reason, a rigorous double blind review process is applied where each paper is reviewed at least by two experts. In addition, we chose a restricted acceptance rate (about 22%) to ensure good selectivity.

1. Program committee

Our warmest thanks go to our Technical Program Committee (TPC) for their unevaluable work, time and tireless effort. We are most grateful to the reviewers who have so diligently supported the peer review process. The TPC members of ICCSA'2021 are:

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