Foreword

Welcome to the 10th International Conference on Computer Science and Information Technologies (CSIT – 2015) in Armenia. CSIT conferences were initially commenced as a platform for a scientific exchange of ideas as well as to provide an opportunity for dissemination of the latest results in research among the widest possible range of experts in computer science and information technologies area.

It's been almost twenty years since the first CSIT – 1997 Conference; it is evident now that the last few years were particularly full of breakthroughs in both, theory and application of new technologies. Throughout those years, the topics and subjects of scientific research have gone through significant changes, and, in turn, the contents of CSIT conferences reflected those changes.

CSIT-2015 continues with its tradition to serve as a forum for discussions on the current topics in: Algorithms, Automata and Logic; Discrete Mathematics and Combinatorial Analysis; Information Theory and Coding Theory; Cognitive Algorithms and Models; Pattern Recognition and Image Processing; Parallel and Distributed Computing; Cloud and Grid Computing; Design and Test; Telecommunication and Networking; Cryptography and Information Technologies Applications in general.

More than one hundred scientific experts and researchers from over twenty countries are expected to take part in CSIT-2015. There will be three round table discussions in the frame of this year's conference. One of them will be devoted to the strategy and future plans of the recently established International Computational Science Laboratory, a substantial outcome of INARMERA-ICT EC FP7 project participants' extensive and continuous efforts. Another round table discussion will be dedicated to the newly emerging roles of ICT in the modern world and, specifically, to the latest trends and tendencies in virtualization of learning methods and education.

There has been enough scientific and engineering potential accumulated in Armenia at this point to establish a High Performance Computing Center, capable of addressing current and future scientific and societal challenges. This will be the topic of the third round table discussion, which will encompass experts from abroad as well as all interested parties from Armenia.

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Welcome to Armenia and to CSIT-2015!

Yuri Shoukourian

Conference Chair