

## Foreword

International Symposium on Innovative Technologies in Engineering and Science (ISITES2018) is held through the collaboration of Academic Platform, Sakarya University, Alanya Alaaddin Keykubat University and Bursa Technical University in Wome Deluxe Hotel between 09th and 11th of November 2018.

First, we express our utmost gratitude to the rector of Sakarya University Prof. Dr. Fatih Savaşan for his support to organize this international event. In the same spirit, we also express our thanks to the rector of Alanya Alaaddin Keykubat University, Prof. Dr. Ahmet Pınarbaşı and rector of Bursa Technical University, Prof. Dr. Arif Karademir for their sponsorship and instruments for the completion of this symposium in a most successful way.

We express our special thanks to world-wide well known keynote speaker for his kind acceptance to be part of the symposium, Prof. Dr. Ercan Öztemel, Marmara University, Istanbul – Turkey.

We strongly hope that this symposium, ISITES2018, provides a unique atmosphere for the academicians world-wide to share and discuss the holistic methods of the current interdisciplinary scientific activities so that a strong cooperation among the universities and scientists is achieved on the international level of engineering and basic sciences. This symposium is also thought to be an excellent opportunity to create a reliable interpretation of scientific findings by examining the different dimensions and aspects of the fields of science within the framework of the scientific methods.

The total number of full papers submitted is 208 from 15 different countries and 154 papers were accepted to be presented in the symposium. The ISITES2018 Program Committee has organized an exciting program that includes 26 sessions on the following themes: Scientific/Innovative Research and Development, Engineering Computing and Engineering and Technology Concepts.

The Proceedings consist only of papers that have not previously been published. All papers have undergone a detailed peer-review process and were selected based on rigorous standards. The papers were presented by the authors or co-authors and discussed in highly interactive sessions.

Being extremely successful organizations so far with the contribution of more than 70 universities and 15 different countries, the 6th symposium is expected to bring the scientists all over the world from engineering and basic sciences together at international level to share the mutual experiences.

We also glad to announce that the 7th International Symposium on Innovative Technologies in Engineering and Science (ISITES2019) to be held in Mardin, Turkey.

Prof. Dr. Naci Çağlar  
On behalf of the Organizing Committee  
ISITES2018 Symposium Chair