

## Preface

A small gathering of science and engineering enthusiasts in 2003, organized under the title SISY conference - Serbian-Hungarian Joint Symposium on Intelligent Systems, has grown into an annual international meeting that presents latest results and achievements in Mathematics, Informatics, Intelligent Manufacturing Systems, Intelligent Mechatronics, Intelligent Robotics, Computational Intelligence. Our conference is now proudly called International Symposium on Intelligent Systems and Informatics, and it is a member of the prestigious IEEE family of conferences.

This special issue of Acta Polytechnica Hungarica is dedicated to the 17<sup>th</sup> meeting held in 2019. The papers presented in this volume are elaborations of the most notable presentations that received the highest marks during the review process. A wide range of contemporary topics is covered, from inequalities for nontypical integrals, such as bipolar Shilkret, Sugeno and Choquet integrals, and derivative-free method for singular systems, through Adaptive Control of Single Variable 2<sup>nd</sup> Order Systems, Electric Vehicle Sensor and Control Network, Interior Navigation System, Enterprise Data Storage Systems, Bluetooth Mesh Architectural Models, all the way to fuzzy systems, namely Fuzzy FxLMS Algorithm and Fuzzy Failure Modes.

We are very grateful to all the authors for their enthusiasm during the preparation of contributions for this special issue and for sharing their research with us especially for this occasion.

Last, but not the least, we wish to express our gratitude to the founding fathers of our SISY conference for creating this wonderful opportunity for presenting and exchanging ideas and opinions in such pleasant surroundings, the birthplace of fruitful cooperation, joint projects, and long-lasting scientific collaborations. Also, we are honestly thankful to the editorial board of Acta Polytechnica Hungarica for making this issue possible.

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Guest Editors