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5th International Symposium, SIRS 2019
Trivandrum, India, December 18–21, 2019
Revised Selected Papers

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Preface

These proceedings contain the papers presented at the 5th International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS 2019). SIRS aims to provide the most relevant opportunity to bring together researchers and practitioners from both academia and industry to exchange their knowledge and discuss their research findings. The symposium was held in Trivandrum, Kerala, India, during December 18–21, 2019. SIRS 2019 was hosted by the Indian Institute of Information Technology and Management-Kerala (IIITM-K). The symposium provided a forum for the sharing, exchange, presentation, and discussion of original research results in both methodological issues and different application areas of signal processing, computer vision, and pattern recognition.

In response to the call for papers, 63 papers were submitted for presentation and inclusion in the proceedings of the conference. The papers were evaluated and ranked on the basis of their significance, novelty, and technical quality. A double-blind review process was conducted to ensure that the author names and affiliations were unknown to the Technical Program Committee (TPC). Each paper was reviewed by the members of the TPC and finally, 19 regular papers, 5 invited papers, and 8 short papers were selected for presentation at the symposium.

We thank the program chairs for their wise advice and brilliant suggesstions in organizing the technical program. We would like to extend our deepest appreciation to the Advisory Committee members. Thanks to all members of the TPC, and the external reviewers, for their hard work in evaluating and discussing papers. We wish to thank all the members of the Organizing Committee, whose work and commitment were invaluable. Our most sincere thanks go to all the keynote speakers who shared with us their expertise and knowledge. We wish to thank all the authors who submitted papers and all participants and contributors of fruitful discussions. The EDAS conference system proved very helpful during the submission, review, and editing phases.

We thank IIITM-K for hosting the conference. Our sincere thanks to Dr. Saji Gopinath, Director at IIITM-K, for his continued support and cooperation. Recognition also goes to the Local Organizing Committee members who all worked extremely hard on every detail of the conference programs and social activities. We appreciate the contributions of all the faculty and staff of IIITM-K and the student volunteers who contributed their time to make the conference a great success.

We wish to express our gratitude to the team at Springer for their help and cooperation.

December 2019

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