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Christina Boucher · Sharma V. Thankachan (Eds.)

String Processing and Information Retrieval

27th International Symposium, SPIRE 2020
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Preface

The 27th International Symposium on String Processing and Information Retrieval (SPIRE 2020), held October 13–15, 2020, was hosted online in a virtual way due to COVID-19. SPIRE started in 1993 as the South American Workshop on String Processing, therefore it was held in Latin America until 2000 when SPIRE traveled to Europe. From then on, SPIRE meetings have been held in Australia, Japan, the UK, Spain, Italy, Finland, Portugal, Israel, Brazil, Chile, Colombia, Mexico, Argentina, Bolivia, and Peru. In this edition, we continued the long and well-established tradition of encouraging high-quality research at the broad nexus of algorithms and data structures for sequences and graphs, data compression, databases, data mining, information retrieval, and computational biology. As per usual, SPIRE 2020 continues to provide an opportunity to bring together specialists and young researchers working in these areas.

This volume contains 21 papers, out of a total of 32 submissions accepted to be presented at SPIRE 2020. Each submission received three or four reviews. We thank all authors who submitted their work for consideration to SPIRE 2020. We also thank the Program Committee and the external reviewers, whose many thorough reviews helped us select the papers presented. The success of the scientific program is due to their hard work. In addition to the accepted papers, the scientific program included three invited lectures, given by Laxmi Parida (IBM, USA), Laura Dietz (University of New Hampshire, USA), and Michael A. Bender (Stony Brook University, USA). We thank the invited speakers for accepting our invitation and for their excellent presentations at the conference.

To complete the event, this year for the fifth year running, SPIRE 2020 had a Best Paper Award, sponsored by Springer, that was announced at the conference. Alongside Springer, we thank the Web4Good board for their financial support.

October 2020

Christina Boucher
Sharma V. Thankachan

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