

# 16th Symposium on Experimental Algorithms

SEA 2017, June 21–23, 2017, London, United Kingdom

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## ■ Preface

This volume contains papers presented at the 16th International Symposium on Experimental Algorithms (SEA 2017), held June 21–23, 2017, in London, UK.

SEA 2017 continued a now well-established tradition of encouraging high-quality research in experimental computer science and algorithm engineering, providing an opportunity to bring together specialists and young researchers working in the area. The SEA conference series grew out of a seven-year history of the Workshop on Experimental Algorithms (WEA). Previous WEA and SEA meetings have been held in Latvia, Switzerland, Brazil, Greece, Spain, Italy, USA, Germany, Italy, France, and Denmark.

We solicited papers in the broad area of experimental algorithmics, with the Program Committee deciding to accept 30 papers, out of a total of 68 submissions.

Each submission received at least three reviews. Papers were submitted and reviewed using the EasyChair online system. Authors of accepted papers come from 14 countries, across five continents (Asia, Australia, Europe, North America, South America).

The scientific program included three invited lectures, given by:

- Graham Cormode on “Engineering Streaming Algorithms”;
- Martin Farach-Colton on “Dictionaries Revisited”;
- Ruth Misener on “Designing Energy-Efficient Heat Recovery Networks using Mixed-Integer Nonlinear Optimisation”.

We thank the invited speakers for accepting our invitation and for their excellent presentations at the conference.

We thank all authors who submitted their work for consideration at SEA 2017.

We wish to thank the Program Committee and the external reviewers, whose thorough and timely reviews helped us select the presented papers. The success of the scientific program is due to their hard work. We also thank the SEA steering committee for giving us the opportunity to host SEA 2017.

SEA 2017 was organized by the Department of Informatics at King’s College London, whose administrative and financial support we gratefully acknowledge.

London  
June 2017

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