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Anthony Bonato · Paweł Prałat  
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# Algorithms and Models for the Web Graph

15th International Workshop, WAW 2018  
Moscow, Russia, May 17–18, 2018  
Proceedings

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# Preface

The 15th Workshop on Algorithms and Models for the Web Graph (WAW 2018) took place at the Moscow Institute of Physics and Technology, Russia, May 17–18, 2018. This is an annual meeting, which is traditionally co-located with another, related, conference. WAW 2018 was co-located with the Workshop on Graphs, Networks, and Their Applications. The co-location of the two workshops provided opportunities for researchers in two different but interrelated areas to interact and to exchange research ideas. It was an effective venue for the dissemination of new results and for fostering research collaboration.

The World Wide Web has become part of our everyday life, and information retrieval and data mining on the Web are now of enormous practical interest. The algorithms supporting these activities combine the view of the Web as a text repository and as a graph, induced in various ways by links among pages, hosts and users. The aim of the workshop was to further the understanding of graphs that arise from the Web and various user activities on the Web, and stimulate the development of high-performance algorithms and applications that exploit these graphs. The workshop gathered together researchers working on graph-theoretic and algorithmic aspects of related complex networks, including social networks, citation networks, biological networks, molecular networks, and other networks arising from the Internet.

This volume contains the papers presented during the workshop. Each submission was reviewed by Program Committee members. Papers were submitted and reviewed using the EasyChair online system. The committee members accepted 11 papers.

May 2018

Anthony Bonato  
Paweł Prałat  
Andrei Raigorodskii

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