Preface

This volume contains the proceedings of the (first) Graphs as Models 2015 workshop, held on 10-11 April 2015 in London, U.K., as a satellite workshop of ETAPS 2015, the European Joint Conferences on Theory and Practice of Software.

Graphs are used as models in all areas of computer science: examples are state space graphs, control flow graphs, syntax graphs, UML-type models of all kinds, network layouts, social networks, dependency graphs, and so forth. Used to model a particular phenomenon or process, graphs are then typically analysed to find out properties of the modelled subject, or transformed to construct other types of models.

The new Graphs as Models (GaM) workshop combines the strengths of two pre-existing workshop series: GT-VMT (Graph Transformation and Visual Modelling Techniques) and GRAPHITE (Graph Inspection and Traversal Engineering).

For the workshop, we received 15 submissions, three of which reported work in progress (which we had called for as a special category, to be initially accepted only for presentation). Nine papers were eventually accepted, including two of the work-in-progress papers; the latter two also appear in this volume, after an additional round of revision and reviewing.

For the workshop we were pleased to attract an invited presentation:

Network Analysis of Online Communities-Applications and Tools
by Heinz Ulrich Hoppe, University of Duisburg-Essen

We would like to thank the authors of the submitted papers, the invited speaker, the members of the programme committee, and their subreviewers for their contribution to both the meeting and this volume. We also thank the ETAPS Steering Committee for hosting GaM 2015.

Arend Rensink and Eduardo Zambon
April 2015