PREFACE

This special issue of Discussiones Mathematicae Graph Theory (DMGT) is dedicated to selected papers presented at the 16th Workshop on Graph Theory: Colourings, Independence and Domination (CID) held on 20–25 September 2015 in Szklarska Poręba, Poland. It continues a series of international workshops: 1993–1997 in Lubiatów, 1998–2001 in Gronów, 2003–2007 in Karpacz, and 2009–2013 in Szklarska Poręba. The meeting was organized by the Faculty of Mathematics, Computer Science and Econometrics, University of Zielona Góra. About 76 participants formed the audience of the following invited lectures:

Wayne Goddard (Clemson University, USA)
How to Color a Graph with 2 Colors (or Even Less)

Gyula O.H. Katona (Hungarian Academy of Sciences, Hungary)
Largest Families of Sets, under Conditions Defined by a Given Poset

Marián Klešč (Technical University of Košice, Slovak Republic)
The Crossing Numbers of Several Graph Products

Zbigniew Lonc (Warsaw University of Technology, Poland)
Harmonious and Achromatic Colorings of Graphs and Hypergraphs

Vadim V. Lozin (University of Warwick, UK)
Cliques, Coloring and Satisfiability: from Structure to Algorithms

Ingo Schiermeyer (Technische Universität Bergakademie Freiberg, Germany)
Colouring Graphs without Long Induced Paths

Zsolt Tuza (Hungarian Academy of Sciences, University of Pannonia, Hungary)
Graph Decompositions into Induced Subgraphs

and 56 contributed talks.

The papers included in this special issue were refereed according to the standards of DMGT. We would like to express our sincere thanks to the authors for their valuable contribution and the anonymous referees for their commitment and dedication.

Guest Editors — CID 2015 Special Issue of DMGT

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