

Preface

This book constitutes one part of the two-part volume of proceedings of the 16th International Conference on Computer Analysis of Images and Patterns, CAIP 2015, held in Valletta, Malta, during September 2–4, 2015.

CAIP is a series of biennial international conferences devoted to all aspects of computer vision, image analysis and processing, pattern recognition and related fields. Previous conferences were held in York, Seville, Münster, Vienna, Paris, Groningen, Warsaw, Ljubljana, Kiel, Prague, Budapest, Dresden, Leipzig, Wismar, and Berlin.

CAIP 2015 featured three plenary lectures by the invited speakers Patrizio Campisi from the Università degli Studi Roma Tre, Bart ter Haar Romenij from the Eindhoven University of Technology, and Mario Vento from the University of Salerno. CAIP 2015 aimed to extend the scope of the series by allowing also submissions in pattern recognition of non-image data, machine learning and brain-inspired computing. Each submission was reviewed by at least three members of the international Program Committee and only high-quality papers were selected for inclusion in these proceedings.

We thank the Steering Committee of CAIP for giving us the honor of organizing this reputable conference in Malta. We also thank the Maltese Ministry of Finance, the Malta Council for Science and Technology, the Malta Tourism Authority, Springer, and the Jülich Supercomputing Center for sponsorships. Last but not least, we thank Charles Theuma, principal of Saint Martin's Institute of Higher Education (Malta), for coordinating the local arrangements.

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