



Content-based multimedia indexing (CBMI 2018) [SI 1104]

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For more than 20 years now, CBMI has aimed at bringing together the various communities involved in all aspects of content-based multimedia indexing, retrieval, browsing and presentation. CBMI 2018, the International Conference on Content-Based Multimedia Indexing, was hosted in La Rochelle, France in September 4–6, 2018. After 15 successful editions (Toulouse 1999, Brescia 2001, Rennes 2003, Riga 2005, Bordeaux 2007, London 2008, Chania 2009, Grenoble 2010, Madrid 2011, Annecy 2012, Veszprem 2013, Klagenfurt 2014, Prague 2015, Bucharest 2016 and Firenze 2017), CBMI indeed became a conference.

CBMI 2018 was organized in cooperation with the IEEE Signal Processing Society and the European Association for Signal Processing (EURASIP). The scientific program of CBMI 2018 included invited keynote talks, regular oral presentation sessions, a poster and demo session, and two special sessions with contributed research papers.

CBMI 2018 received a total of 61 submissions that were all reviewed by at least three reviewers. 24 submissions were accepted for oral presentation for the main track, 5 short papers were accepted for the poster and demo session. For the special sessions, 10 papers were accepted for presentation and publication. This led to a high quality and diverse program for the conference with a total of 39 scientific contributions.

Among these papers, the best ones deserved more space to present ideas and results for a broader diffusion; for several years, MTAP offered the opportunity to publish them in a Special Issue. This special issue associated to CBMI was also opened to authors that did not present a paper at the conference. 31 authors submitted

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a new or enlarged version of their paper that was subject to a new review according to the journal rules. 12 were finally accepted for publication, with one among them not originating from CBMI 2018.

We are deeply grateful to all those who have helped to accomplish the task of successfully organizing CBMI 2018 and this special issue of MTAP. Special thanks to the Program Committee members and the reviewers of both the conference and this issue who have contributed to the high quality of the works presented here, to the Steering Committee members, the special session organizers and the invited speakers who undoubtedly helped to enhance the profile of CBMI 2018 and to attract many high quality papers. Finally, we are indebted to all the authors of the papers submitted to the conference and to this special issue. They constitute the true force behind the success of the conference and are the first accountable for the quality and the interest of this issue.

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MTAP Guest Editors

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