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The International Conference on Ad-Hoc Networks and Wireless (ADHOC-NOW) has become a well-known venue for research dedicated to wireless sensor networks and mobile computing. Its first event took place in Toronto, Canada, in 2002. ADHOC-NOW was then hosted further times in Canada as well as in France, Mexico, Spain, and Germany. In 2012 it was the first time that ADHOC-NOW took place in Serbia. The 11th ADHOC-NOW was held, during July 9–11, in Belgrade, the capital and largest city of Serbia, located at the confluence of the Sava and the Danube river.

The 11th ADHOC-NOW attracted 76 submissions of which 36 papers were accepted for presentation after rigorous reviews by external reviewers, Technical Program Committee members and discussions among Technical Program Chairs. Most papers received at least three reviews. The accepted papers cover a wide spectrum of traditional networking topics ranging from routing to the application layer, to localization in various networking environments such as wireless sensor and adhoc networks, and give insights into a variety of application areas. ADHOC-NOW addresses both experimental and theoretical research and this was reflected in the 2012 program. Overall, the variety of topics made up an interesting and versatile program, which led to a lively exchange of ideas and fruitful discussions.

Many people were involved in the production of these proceedings. First of all, we would like to thank the members of the Technical Program Committee and the external reviewers for their help in providing detailed expert reviews of papers, especially under tight time constraints. We are also grateful to Springer’s team for their great assistance during the review and proceedings preparation phase. Last, but not least, we wish to thank all the people of the Organizing Committee who helped in preparing and organizing the event and putting together an excellent program.

The conference proceedings will allow all attendees to obtain detailed information and share this information with other colleagues, for all the papers accepted. ADHOC-NOW 2012 provided a forum for high-quality discussions on the various aspects and application of the emerging field of ad hoc networks all over the world. The large diversity of the highly qualified participants and contributors, who come from a broad range of countries, universities and companies, contributed to its success.

April 2012

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