Advances in Database Technology
– EDBT 2013

16th International Conference
on Extending Database Technology
Genoa, Italy, March 18-22, 2013
Proceedings

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Welcome to the 2013 edition of the International Conference on Extending Database Technology (EDBT). This year, EDBT is taking place in Genoa, Italy on March 18-22.

The International Conference on Extending Database Technology is a leading international forum for database researchers, practitioners, developers and users to discuss cutting-edge ideas, and to exchange techniques, tools, and experiences related to data management. Data management provides an essential enabling technology for scientific, engineering, business and social communities. This year’s programme provides technical results, experience reports and demonstrations on a variety of important and timely topics, including big data, data integration, privacy and social networks. This year, as in prior years, EDBT is co-located with the International Conference on Database Theory (ICDT).

The programme of EDBT includes keynotes, research papers, industry and application papers, demonstrations and workshops. The proceedings of the workshops are published in a companion volume.

The Research track received 235 submissions, each of which was reviewed by 3 members of the programme committee. A total of 48 papers were accepted, giving an acceptance rate of 20%. The reviewing process included a significant period for discussion of borderline papers, and 5 papers were initially conditionally accepted where the programme committee was keen to see certain presentational refinements in the final versions. One innovation this year was the introduction of 6-Page Extending Database Technology papers, where goal is to enable discussion of visionary ideas, risky approaches or emerging applications that will require extensions to established techniques. There are 3 such papers in the programme, accepted from 22 submissions.

The Industry and Applications track received 24 submissions (more than double the number from the previous year), of which 12 were accepted (11 full and 1 short paper), giving an acceptance rate of 50%. The papers were organized in four sessions: two are mainly industrial papers, one has emphasis on applications and the last one focuses on research impacting concrete practical problems. The reviewing process underwent a heated and rigorous discussion period where every paper that didn’t have a unanimous reject was discussed. At the end of this phase a good mix of high quality (according to various criteria) papers was accepted including three conditionally accepted ones that were satisfactorily revised and accepted. The Demonstration track received a record 44 submissions, of which 16 were accepted, giving an acceptance rate of 36%.

The program also includes 3 tutorials on timely topics (trust and reputation in virtual communities, provenance standards, and schema mapping with data examples), and four keynote talks (joint with the ICDT conference) from distinguished researchers from both academia and industry, namely, Jan van den Bussche (Universiteit Hasselt, Belgium), Daniel Abadi (Yale/Hadapt), Luc Segoufin (INRIA & ENS-Cachan) and C. Mohan (IBM).

This year both ICDT and EDBT used EasyChair to support the reviewing process; without such resources, managing the timely reviewing of such large numbers of papers would be very much more laborious. We have also been dependent on many members of the community offering their time in organisational and reviewing roles - we are very grateful for the energy and professionalism they
have exhibited.

We look forward to welcoming you at Palazzo Ducale, historical residence of the Doge in the heart of Genoa, for EDBT 2013. We hope you will enjoy the event and you have a pleasant stay in Genoa.

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