Message from the ICTAI 2018 Special track on SAT/CSP co-chairs

The ICTAI conference is hosting in 2018 for the sixth time its special track on Boolean Satisfiability techniques (SAT) and Constraint Satisfaction (CSP). SAT and CSP-based technologies have become major topics of research and application in AI. The special track reflects the importance of these forms of logical reasoning in the current AI landscape. In addition, it bridges the gap between these two techniques which share the same kind of applications but not always the same techniques.

All papers submitted to the special track were thoroughly reviewed by the special track program committee. Following ICTAI standards, all papers were reviewed by at least three PC members. As a result, 15 full regular papers were accepted (12 long papers and 3 short papers) out of 34 submissions, showing an acceptance rate of 44%. We are very grateful to all the program committee members and additional reviewers who made a tremendous work when the sun is shining most to allow this very exciting program to be set up.

The selected papers reflect the diversity and liveness of the community, ranging from theory to practice, from algorithms to applications. You will find applications to other fields like bioinformatics or graph decompositions as well as individual advances of the community through contributions on heuristics, tractability or propagation.

We would like to thank Eric Gregoire for having paved the way of this special track and for his helpful comments, and Miltos Alamaniotis for his dedication as a wonderful conference program chair.

We look forward to seeing you in Volos and enjoy the excellent program!

Jean-Marie Lagniez
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ICTAI 2018 Program Committee Co-chairs