13TH COMPUTABILITY IN EUROPE CONFERENCE (CIE 2017) UNVEILING DYNAMICS AND COMPLEXITY

CO-SPONSORED BY THE ASSOCIATION FOR SYMBOLIC LOGIC

Turku, Finland
June 12–16, 2017

The conference *Computability in Europe* (CiE) is organised yearly under the auspices of the Association CiE, a European association promoting the development of computability-related science ranging from mathematics, computer science, and various natural and engineering sciences, to philosophy and the history of computing. CiE 2017, in Turku, Finland, was the 13th conference in the series. The conference was jointly organised by the Department of Mathematics and Statistics, University of Turku and the Computer Science Department of Åbo Akademi University.

The Programme Committee of CiE 2017 was chaired by J. Kari and I. Petre. It invited six speakers to give plenary lectures: S. Aaronson, K. Lange, L. Patey, N. Schweikardt, A. Shen, and M. Vardi. The conference also had two plenary tutorials, by D. Hirschfeldt and D. Gusfield. Six special sessions covered new developments in various areas: *Algorithmics for biology, Combinatorics and algorithmics on words, Computability in analysis, algebra, and geometry, Cryptography and information theory, Formal languages and automata theory*, and *History and philosophy of computing*. This last session was focused on history and foundations of recursion, in memory of Rósza Péter (1905–1977).

Twenty five papers were selected for publication in the Springer LNCS proceedings volume as well as for presentation. The *Best Student Paper Award*, sponsored by Springer-Verlag, was awarded to the paper *Towards computable analysis on the generalised real line*, by L. Galeotti and H. Nobrega.

The program for the Special Interest Group *Women in Computability*, coordinated by L. De Mol, included the annual WiC dinner, a mentorship program, a grant program for young female researchers, and a workshop with invited speakers J. Kennedy, K. Lange, and U. Martin.

The symposium *Magic in Science*, held on June 17, 2017, was co-located with CiE. It celebrated the 75th birthday of Grzegorz Rozenberg, one of the main figures in research on Theoretical Computer Science and Natural Computing in the last 50 years.

For the Steering Committee of CiE
FLORIN MANEA