REPORT ON WG 2010

The 36th International Workshop on Graph Theoretic Concepts in Computer Science

Fedor V. Fomin

From June 28 –30, 2010, the **36th International Workshop on Graph-Theoretic Concepts in Computer Science**, WG 2010, took place in village Zarós, Crete, Greece.

The program consisted from 28 regular (out of 94 submissions) and 2 invited lectures. Invited talks were given by Dimitris Achlioptas and by Erik Demaine. Both speakers made long trips from US to Crete. The talk of Dimitris Achlioptas on *Algorithmic Barriers from Phase Transitions in Graphs*, was devoted to the study of the threshold phenomena in random graphs and its strong links to statistical physics. In his talk on *Algorithmic Graph Minors and Bidimensionality*, Erik Demaine gave an overview of the new algorithmic theory emerging from Graph Minors of Robertson and Seymour.

There were 60 participants. Each of the 28 accepted papers was presented at the meeting. The talks showed a variety of topics concerning graphs and hypergraphs, with many of their aspects in relation to computer science. The quality of the presented results and the presentations was high. These talks and the two invited lectures made an excellent scientific program.

The social program included reception, 2 dinners (at local trout farm and winery Domain Zacharioudakis), excursion to the ruins of Faistos Palace, and Matala[1] Beach. The excellent organization (many thanks to Dimitrios M. Thilikos, his students, and the conference secretary Marina Vassilaki!), very interesting and dense scientific program, nice raki, a lot of sun, and pleasant atmosphere among the participants made this a very enjoyable meeting.

WG 2011 will be held in Czech Republic, not far from the beautiful Prague. We are looking forward to it!

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[1]When Zeus seduced the princess Europa in the form of a white bull, he crossed the sea and brought her to the beach of Matala.