

PREFACE

The 10th Italian Conference on Theoretical Computer Science (ICTCS 2007) was held on 3-5 October 2007 in Rome, Italy. Previous conferences took place in Pisa (1972), Mantova (1974 and 1989), L'Aquila (1992), Ravello (1995), Prato (1999), Torino (2001), Bertinoro (2003), Siena (2005).

The conference covers all fields of Theoretical Computer Science. The Program Committee, consisting of 16 members, received 34 submissions, and selected 15 papers for inclusion in the scientific program. All the work of the PC was done electronically. The selection was based on originality, quality and relevance to theoretical computer science. Each submission was reviewed by at least 3 reviewers.

The first day of ICTCS 2007 (October 3) hosted a colloquium, entitled “Types and Computations”, to celebrate the 60th birthday of Mario Coppo, Mariangiola Dezani-Ciancaglini and Simona Ronchi Della Rocca. Stefano Berardi, Ferruccio Damiani, Ugo de'Liguoro and ourselves felt appropriate to honor them in conjunction with ICTCS 2007, since they are distinguished researchers within the Theoretical Computer Science community, and because of the important services they have offered to EATCS and the Italian Chapter over the years.

These proceedings contain the revised versions of the 15 papers selected by the PC; the invited talks by Giorgio Ausiello (Clairvoyance and laziness for on line travelling agents) and Rocco De Nicola (Session Centered Calculi for Service Oriented Computing); and the invited presentations for the “Types and Computations” colloquium by Chantal Berline (Can a proper lambda-model have an r.e. equational theory?), Giuseppe Longo (Symmetries in Foundations), and Henk Barendregt (Proving the range property for lambda theories and models).

We wish to thank all authors who submitted papers, the PC, and the external reviewers. A special thanks to the Organizing Committee for a very dedicated work.

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