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## Editorial

This special volume consists of selected articles from the 15th International Conference on Concurrency Theory (CONCUR 2004), held at the Royal Society, London, UK, from 31st August to 3rd September, 2004.

The purpose of the CONCUR conferences is to bring together researchers, developers and students in order to advance the theory of concurrency and promote its applications. Interest in this topic is continually growing, as a consequence of the importance and ubiquity of concurrent systems and their applications, and of the scientific relevance of their foundations.

At CONCUR 2004, there were two invited lectures, two advanced tutorials, and 29 papers selected from 134 submissions, a record number of submissions to CONCUR. In addition, the conference had 11 satellite workshops: SOS, EXPRESS, WOOD, FOCLASA, SECCO, BIOCONCUR, FGUC, PDMC, AVOCS, PASM, and INFINITY. The overall event was attended by 254 researchers, with 135 attending the conference.

The papers in this special volume are the extended and revised versions of eight papers that appeared in CONCUR 2004. Whilst the referees and program committee judged these papers particularly highly, many others deserved inclusion on technical merit. We believe the current selection is representative of the spectrum of papers that appeared at the conference. All the papers have been reviewed according to the normal TCS standards.

We would like to thank the authors and referees for their considerable role in producing this volume.

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