The ninth edition of the Hardware/Software Codesign Symposium (formerly Workshop) marks the transition into the new Millennium. When CODES started in the early 90s automated co-design techniques have been investigated mainly driven by the increasing demand for embedded systems. A decade later we see the fruits of these efforts evolving as commercially available co-design tools and environments. Looking forward we can foresee that the challenges and demands for co-design techniques will even increase in an era what is often referred to as the post-PC era where pervasive computing becomes a reality. The area of application spans from the often-cited internet-connected refrigerator to wirelessly connected personal computing/communication devices to automotive security and information devices etc. Most of the designs of these devices are subject to tight constraints in terms of performance, power, test and chip area, just to name a few, and thus leading to an increasingly complex design and development process that is the motor for novel co-design techniques.

We are proud to present these newest trends in this year’s proceedings. The increasing interest in co-design techniques is reflected by a number of 83 papers that have been submitted to this year’s CODES, an increase of more than 30% compared to last year’s submissions. A number of 23 papers out of these papers have been selected in a peer-reviewed process as regular papers resulting in an acceptance rate of 27.7%. An additional amount of 20 papers are represented as short papers in these proceedings. In addition to paper and poster presentations we have three talks of invited speakers each of them highly respected experts in their respective fields and thus further enhancing the exchange of trends, techniques and ideas during the three days of this year’s CODES.

Please note that from this year on CODES has a registered web domain. By bookmarking

www.codesign-symposium.org

you will always be referred to the latest CODES web page.

We want to thank the CODES Technical Program Committee for their thorough review work, the active participation in the paper selection process and for otherwise helpful advices and support. Our thanks also go to ACM for accomplishing an accelerated schedule. This year’s proceedings will be available on CD-ROM and formal proceedings by ACM press.

We wish you an interesting and enjoyable stay at CODES’01 !
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