

IFIP WORKING GROUP 10.5
REPORT OF ACTIVITIES
SEPTEMBER 2001 - MARCH 2002

1. VLSI conference

The VLSI-SoC conference, fully sponsored by the WG, has been successfully organized in Montpellier, France, from December 5th to 8th, 2001. The conference had more than 120 attendees. Three keynote speakers gave invited talks on relevant topics. 70 papers have been selected for presentation. The best conference papers, already selected by the Programme Committee, will be included in a book to be published by Kluwer in 2002. Income and expenditures of the conference were around 50 KEuros. This already includes the cost of the book.

2. Last meeting

A regular WG meeting took place during the VLSI-SoC conference. As most relevant topics, we can mention:

- The 2003 edition of the VLSI conference will be held in Darmstadt, Germany, by the group headed by Prof. M.Glesner, a WG member.
- A Steering Committee for the VLSI conference series has been nominated.
- A PhD forum has been created. Its first edition shall be organized together with VLSI'2003. Funds will be requested from different sources, including TC 10 and IFIP, to foster the participation of students from around the world.
- Aims and Scope of the WG will be updated after electronic discussion and voting at the next regular meeting.

3. Roadmap on design technologies

The organization of an IFIP roadmap on design technologies, already proposed at the previous meeting in Brazil, was discussed. A first version of this roadmap should be defined at the WG meeting to be held in Montreal in August 2002. A task force shall be created to lead this effort. It must define requirements and procedures for the elaboration of the roadmap and also negotiate support from the european project ITEA and/or other organizations / similar efforts, such as MEDEA and ITRS.

4. SIG-CHARME

The creation of a Special Interest Group on "Formal Design and Verification Methods for Correct Hardware-like Systems" (SIG-CHARME) has been proposed and approved after consideration on the regular meeting in Montpellier and a subsequent electronic discussion.

The formal approval will occur during the next regular WG meeting. Statutes and bylaws have been proposed and will be submitted to TC 10 for consideration, after WG approval. The first SIG chair shall be Steve Johnson, from Indiana University, who is an active WG 10.5 member.

5. Next meetings

Next regular meetings will be held in Paris, on March 4th, during the DATE conference, and in Montreal, in August, during the IFIP World Congress and the WG-sponsored DIPES workshop.