

IFIP WORKING GROUP 10.5
REPORT OF ACTIVITIES
MARCH 2006 - FEBRUARY 2007

1. Sponsored events

Following main sponsored events have been held in the past 12 months:

VLSI-SoC'06 – 14th International Conference on Very Large Scale Integration (<http://tima.imag.fr/conferences/VLSI-SoC06/index.html>), which is the flagship event of WG 10.5, was held in Nice, France, from October 16th to 18th 2006.

2. Co-sponsored events

Following co-sponsored events have been held in the past 12 months:

DATE'2006 - Design, Automation and Test in Europe (<http://www.date-conference.com>) was held in Munich, Germany, from March 6th to 10th 2006. It has been co-sponsored by the European Design and Automation Association, the EDA Consortium, the IEEE Computer Society - TTTC, ECSI, RAS, and ACM SIGDA. Proceedings have been published by the IEEE Computer Society Press.

SBCCI'2006 – 18th Symposium on Integrated Circuits and Systems Design (<http://www.sbc.org.br/sbcci>) was held in Ouro Preto, Brazil, from August 28th to September 1st 2006. It has been co-sponsored by SBC – Brazilian Computer Society, SBMICRO – Brazilian Microelectronics Society, IFIP WG 10.5, IEEE Circuits and Systems Society, and ACM SIGDA. Proceedings have been published by ACM Press.

FDL'2006 - Forum on Specification and Design Languages (<http://www.ecsi.org/fdl>) was held in Darmstadt, Germany, from September 19th to 22th 2006. It has been organized by ECSI and co-sponsored by WG 10.5 and several other organizations. Papers have been published on a CD-ROM edited by ECSI.

CODES+ISSS'2006 – 4th IEEE/ACM/IFIP International Conference on Hardware/Software Codesign and System Synthesis (<http://www.codes-iss.org>) was held in Seoul, Korea, from October 22th to 25st 2006. It has been co-sponsored by the IEEE Circuits and Systems Society (CAS), the IEEE Computer Society (CS), the ACM Special Interest Groups on Design Automation (SIGDA) and Embedded Systems (SIGBED), and IFIP WG 10.5. Proceedings have been published by IEEE Computer Society Press.

All these events have been co-sponsored by Working Group 10.5 without financial involvement.

3. Future events

Following main sponsored events are already scheduled:

IESS'2007 – 2nd International Embedded Systems Symposium (<http://www.iess.org>), which is jointly sponsored by WG 10.2, WG 10.4, and WG 10.5, will be held in Irvine, USA, from May 29th to June 1st, 2007.

VLSI-SoC'07 – 15th International Conference on Very Large Scale Integration (<http://www.vlsisoc2007.gatech.edu/>) will be held in Atlanta, USA, from October 15th to 17th 2007.

4. Meetings

Following meetings have been held in the past 12 months:

- Munich, Germany, on March 7th 2006, during DATE – Design, Automation and Test in Europe.
- Nice, France, on October 16th 2006, together with VLSI-SoC'06.

The next meeting will be held on April 16th, in Nice, France, during DATE – Design, Automation and Test in Europe.

5. Special Interest Groups

The IFIP General Assembly approved in its last meeting in August 2006 the transformation of the former SIG on Embedded Systems into a new Working Group 10.2 on Embedded Systems.

The Working Group has now a single Special Interest Group attached to it: the Special Interest Group on "Formal Design and Verification Methods for Correct Hardware-like Systems" (SIG-CHARME). Its chair is Steve Johnson (Indiana University, USA). Last CHARME conference has been held in October 2005. A next edition of this conference is not yet planned.

6. Membership

Juergen Becker, from the University of Karlsruhe, Germany, has been approved as a new member during the WG meeting in Munich, Germany. Enrico Macii, from the Politecnico di Torino, and Dimitrios Soudris, from the University of Patras, have been approved as new members during the WG meeting in Nice, France.

Following members have decided to become *honorary members*: J.Damore, M.Fujita, W.Grass, D.Agnew, F.Anceau, O.Karatsu, W.Damm, P.Subrahmanyam.

Following members resigned to membership: R.Camposano, P.Paulin, A.Richard Newton.

N.Fristacky, from Slovakia, has passed away.

The WG has now 61 members, with the following distribution:

North America - 16

Europe – 34

Asia / Pacific - 9

South America - 2

7. Home-page

The WG 10.5 home-page is located at

<http://www.inf.ufrgs.br/ifip10-5>