

IFIP WORKING GROUP 10.5

REPORT OF ACTIVITIES AUGUST 2006 – JULY 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'2007 - Design, Automation and Test in Europe (<http://www.date-conference.com>) was held in Nice, France, in April 2007. 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.

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, Irvine, USA, May 29th to June 1st, 2007.

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:

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.

VLSI-SoC'08, which will be held in Rhodes Island, from October 13 to 15

4. Meetings

Following meetings have been held in the past 12 months:

- Nice, France, on October 16th 2006, together with VLSI-SoC'06.
- Nice, France, on April 16th 2007, during DATE'07 – Design, Automation and Test in Europe.

The next meeting will be held on, in Atlanta, USA, on October 16th, during VLSI-SoC'07

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.

6. Membership

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

North America - 16

Europe – 34

Asia / Pacific - 9

South America - 2

7. Election of new officers

Michel Robert has been appointed as new Working Group chair and unanimously elected for the next term during the Nice WG meeting (April 16th 2007). He appointed Ricardo Reis and Luis Miguel Silveira as vice-chairs, considering their active participation in the Steering Committee of

VLSI-SoC. Together with Flavio Wagner, as past chair, they will build a small steering committee for the WG.

8. Home-page

The WG 10.5 home-page is located at
<http://www.inf.ufrgs.br/ifip10-5>