

# **REPORT ON THE ACTIVITIES OF IFIP WG 10.5**

**AUGUST 2000 - SEPTEMBER 2001**

## **1. MEETINGS**

### 1.1 Regular meetings since August 2000

August 23rd, 2000 - Beijing, China

March 12th, 2001 - Munich, Germany

The corresponding minutes can be found at our site:

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

### 1.2 Informal meetings

June 20th, 2001 - Las Vegas, USA

### 1.3 Next meetings

September 10th, 2001 - Pirenopolis, Brazil

December 2nd, 2001 - Montpellier, France

## **2. EVENTS**

APChDL'2000 - Asia-Pacific Chip Design Language Conference

Beijing, China, August 2000

Sponsored by WG 10.5

-- proceedings published as part of the IFIP World Congress proceedings

SBCCI'2000 - Symposium on Integrated Circuits and Systems Design

Manaus, Brazil, September 2000

Organized by SBC, co-sponsorship of WG 10.5

-- proceedings published by IEEE Computer Society Press

FDL'2000 - Forum on Design Languages

Tuebingen, Germany, September 2000

Organized by ECSI, co-sponsorship of WG 10.5

- papers published on a CD-ROM
- best papers published on the book  
System-on-Chip Methodologies and Design Languages  
Edited by Peter Ashenden, Jean Mermet, Ralf Seepold  
Kluwer Academic Publishers, 2001

DIPES'2000 - Distributed and Parallel Embedded Systems  
Schloss Eringerfeld, Germany, October 2000  
Co-sponsored by WG 10.5, WG 10.3 and WG 10.4

- proceedings published as a book  
Architecture and Design of Distributed Embedded Systems  
Edited by Bernd Kleinjohann  
Kluwer Academic Publishers, 2001

IP-BASED DESIGN'2000 - Internat. Workshop on IP-based Synthesis and SoC Design  
Grenoble, France, December 2000  
Organized by INPG and Design & Reuse, sponsored by WG 10.5

- participants edition published by the local organizers

FDL'2001 - Forum on Design Languages  
Lyon, France, September 2001  
Organized by ECSI, co-sponsorship of WG 10.5

- papers published on a CD-ROM
- best papers will be selected for a future book

SBCCI'2001 - Symposium on Integrated Circuits and Systems Design  
Pirenopolis, Brazil, September 2001  
Organized by SBC, co-sponsorship of WG 10.5

- proceedings to be published by IEEE Computer Society Press

CHARME'2001 - Working Conference on Correct Hardware Design and Verification  
Methods  
Livingston, Scotland, September 2001  
Sponsored by WG 10.5

- proceedings to be published by Springer-Verlag  
Lecture Notes Volume 2144

### **3. OTHER PUBLICATIONS**

System-on-Chip Methodologies and Design Languages

Edited by Peter Ashenden, Jean Mermet, Ralf Seepold

Best papers from

- HDLCon'2000 - Hardware Description Language Conference and Exhibition

- FDL'2000 - Forum on Design Languages

- APChDL'2000 - Asia Pacific Chip Design Language Conference

Published by Kluwer Academic Publishers, June 2001

### **4. SPECIAL INTEREST GROUPS**

**SIG-CODES**

Special Interest Group on Hardware / Software Codesign

Due to very low degree of activity, this SIG decided to propose its discontinuation. This was approved at the WG meeting on March 12th, 2001.

**SIG-DL**

Special Interest Group on Design Languages

Former SIG-VHDL

Jointly sponsored by WG 10.5 and ECSI

John Willis and others are trying to relaunch the SIG, which has very low degree of activity.

**SIG-ES**

Special Interest Group on Embedded Systems

Jointly sponsored by IFIP Working Groups 10.3, 10.4 and 10.5

This SIG has been created in October 2000. It will be responsible for the organization of the DIPES conference - "Distributed and Parallel Embedded Systems". Current chair is Bernd Kleinjohann (C-Lab, Germany).

**SIG-CHARME**

There are plans to create a Special Interest Group on Formal Methods, which would be responsible for the organization of the CHARME conference - Working Conference on Correct Hardware Design and Verification Methods. A decision may be taken at the next CHARME conference (September 4-7, 2001).

## **5. OFFICERS**

Flávio R. Wagner (UFRGS, Brazil) has been elected new chair at the regular meeting on March 12th, 2001.

Two vice-chairs continue their duties - Nikil Dutt (Irvine, USA) and Masaharu Imai (Osaka University, Japan) - and a third vice-chair has been elected - Eugenio Villar (Univ. of Cantabria, Spain).

## **6. MEMBERSHIP**

The WG has now 64 members, with the following distribution:

North America - 22

Europe - 31

Asia / Pacific - 9

South America - 2