



## BRAZILIAN COMPUTER SOCIETY SOCIEDADE BRASILEIRA DE COMPUTAÇÃO

### Society Report to IFIP 2000

#### Part I: Activities

##### I-1- News

The Brazilian Computer Society launched two news interest groups: the **Interest Group on Virtual Reality** and the **Interest Group on Human Computer Interaction**. Both interest groups are organizing this year their third workshop. In Brazilian Computer Society any group of members in an specific field that pretend to formalize an interest group must first organize some events.

The participation of the Brazilian Computer Society in committees of the Ministry of Science and Technology is increasing.

The Brazilian Computer Society is inviting IFIP to hold the GA2001 in Brazil.

##### I.2- Short Review of Activities:

###### I.2.1- International Events in Brazil with SBC support:

##### Future Events and Meetings:

**3rd IFIP/IEEE MMNS'2000** - Management of Multimedia Networks and Services International Conference

Caesar Park Hotel, Fortaleza, CE, Brazil – September 25- 28 , 2000

<http://www.ufc.br/mmns2000>

**2<sup>nd</sup> IFIP Working Conference on Infrastructures on Virtual Enterprises**

Florianopolis, December 4-5, 2000

<http://www.uninova.pt/~prove>

email: cam@uninova.pt

### **WG 10.4 Meeting**

Parati, RJ, February 28 to March 3, 2001 (just before the Brazilian Symposium on Fault-Tolerant Computers).

### **TC10 Meeting**

Brasília, September 10, 2001

### **WG 3.2 Working Conference on Informatics Curricula, Teaching Methods and Best Practice**

Florianópolis, August 6-9, 2002

Email: raul@inf.ufsc.br

### **Past Events:**

#### **15th International Conf. on CAD/CAM, Robotics & Factories of the Future - CARS & FOF'99**

Campinas, SP – August 18-20, 1999 (WG 5.3)

#### **IFIP W.G. 2.9 Meeting**

November 1999

#### **IFIP W.G 9.5 Meeting**

Fortaleza, November 12, 1999

### **I.2.2- Brazilian Computer Society events with IFIP co-sponsoring:**

- **XII SBCCI - *Brazilian Symposium on Integrated Circuits Design***

Natal, September 28 – October 2, 1999

Co-sponsored by IFIP WG 10.5

Proceedings published by IEEE Computer Society

- **XII SBAC-PAD – 12<sup>th</sup> *Brazilian Symposium on Computer Architecture and High-Performance Computing***

São Pedro, October 24-27, 2000

<http://www.dc.ufscar.br/sbac2000>

e-mail: sbac2000@dc.ufscar.br

Co-sponsored by IFIP WG 10.3

- **XIII SBCCI – 13<sup>th</sup> *Symposium on Integrated Circuits and System Design***

Manaus, September 18-23, 2000

<http://www.sbc.org.br/sbcci>

Co-sponsored by IFIP WG 10.5

Proceedings published by IEEE Computer Society

## I.2.3- Brazilian Computer Society Events:

### The Annual Congress of the SBC:

The Congress of the SBC is in fact an aggregate of several events. The 2000 edition was held in Curitiba, July 2000, and it had 1500 attendees. The 2000 Congress was composed by the following events:

- **VIII WEI** - *Workshop on Education in Computer Science* - a forum for discussing undergraduate and graduate curricula;
- **XXX SECOMU** - *Seminar on Computing in the Universities* - a forum for discussing government policies, as related to the industry and the universities;
- **XXVII SEMISH** - *Seminar on Software and Hardware* - a scientific forum in all fields of Computer Science;
- **XIXJAI** - an aggregate of tutorials in all fields of Computer Science (14 tutorials, from 6 to 10 hours long);. It is published a book.
- **XI CTD** - a contest which awards the best MSc and PhD thesis presented in Brazil in the past year;
- **XVII CTIC** - a contest which awards the best research projects of undergraduate students; and
- **XVIII ENECOMP** - a student forum for discussing educational and professional subjects.
- **VII SBC&M**- *Brazilian Symposium on Computer Music*

### The symposia of the Interest Groups:

The average audience of the symposia are from a 100 to 600 participants

- **X SBAC-PAD** - *Brazilian Symposium on Computer Architecture and High-Performance Computing*  
Natal, September 28-October 2, 1999
- **XII SBCCI** - *Brazilian Symposium on Integrated Circuits Design*  
Natal, September 28 – October 2, 1999  
Co-sponsored by IFIP WG 10.5  
Proceedings published by IEEE Computer Society
- **XIII SIBGRAPI** - *Brazilian Symposium on Computer Graphics and Image Processing*  
Campinas, October 17 - 20, 1999  
Proceedings published by IEEE Computer Society
- **II WMF**– *Brazilian Workshop on Formal Methods*  
Florianópolis, October 12-13, 1999
- **XII SBBD** - *Brazilian Symposium on Data Bases*  
Florianópolis, October 11-13, 1999
- **XIII SBES** - *Brazilian Symposium on Software Engineering*  
Florianópolis, October 13-15, 1999
- **II WRV**- *Workshop on Virtual Reality*  
Marília, November 18-20, 1999

- **X SBIE** - *Brazilian Symposium on Informatics in Education*  
Curitiba, November 23-25, 1999
- **IV SBLP** - *Brazilian Symposium on Programming Languages*  
Recife, May 17-19, 2000
- **XV SBRC** - *Brazilian Symposium on Computer Networks*  
Belo Horizonte, May 23-26, 2000
- **VI SBMIDIA** - *Brazilian Symposium on Hypermedia and Multimedia Systems*  
Natal, June 14 - 16 , 2000
- **XII Computer School**  
São Paulo - July 24-28, 2000
- **CORE 2000**- *Workshop on Reconfigurable Computing*  
Marília, SP – August 10-12, 2000

The SBC was also co-sponsor of the

**I Internacional Fórum on Free Software** - Porto Alegre, RS – May 4 e 5, 2000

## Next Events:

- **XIII SBCCI** – 13<sup>th</sup> *Symposium on Integrated Circuits and System Design*  
Manaus, September 18-23, 2000  
<http://www.sbc.org.br/sbcci>  
Co-sponsored by IFIP WG 10.5  
Proceedings published by IEEE Computer Society
- **XV SBBD** - *Brazilian Symposium on Data Bases*  
João Pessoa, PB - 02 a 04 de outubro de 2000  
<http://www.gi.cefetpb.br/sbbd2000/>  
e-mail: [kbecker@inf.pucrs.br](mailto:kbecker@inf.pucrs.br)
- **XIV SBES** - *Brazilian Symposium on Software Engineering*  
João Pessoa, PB - 04 a 06 de outubro de 2000  
<http://www.gi.cefetpb.br/sbes2000/>  
e-mail: [sbes2000@gi.cefetpb.br](mailto:sbes2000@gi.cefetpb.br)
- **XIII SIBGRAPI** – 13<sup>th</sup> *Brazilian Symposium on Computer Graphics, Vision and Image Processing*  
Gramado, October 16 - 20, 2000  
<http://www.sbc.org.br/sibgrapi>  
[sib2000@inf.ufrgs.br](mailto:sib2000@inf.ufrgs.br)  
Proceedings published by IEEE Computer Society
- **III WRV**- *Workshop on Virtual Reality*  
Gramado, October 16-18, 2000  
<http://www.sbc.org.br/WRV>

- **III IHC** - Workshop on Human Computer Interaction  
Gramado, October 18 - 20, 2000  
<http://www.sbc.org.br/ihc>  
e-mail: IHC2000@inf.ufrgs.br
  
- **XII SBAC-PAD** – 12<sup>th</sup> *Brazilian Symposium on Computer Architecture and High-Performance Computing*  
São Pedro, October 24-27, 2000  
<http://www.dc.ufscar.br/sbac2000>  
e-mail: sbac2000@dc.ufscar.br  
Co-sponsored by IFIP WG 10.3
  
- **XI SBIE** - *Brazilian Symposium on Informatics in Education*  
UFAL - Maceió, AL – November 8 -10, 2000  
<http://www.fapeal.br/sbie2000/>  
<http://www.tci.ufal.br/sbie2000>  
e-mail: sbie2000@fapeal.br
  
- **XV SBIA**- *Brazilian Symposium on Artificial Intelligence*  
Atibaia, SP - November 19 -23, 2000  
<http://www.pcs.usp.br/~sbia2000>  
e-mail: [sbia2000@pcs.usp.br](mailto:sbia2000@pcs.usp.br)  
Proceedings published by Springer-Verlag
  
- **IBERAMIA 2000** Ibero-American Conference on Artificial Intelligence  
Atibaia, SP - November 19 -23, 2000  
<http://www.pcs.usp.br/~iberamia2000>  
e-mail: iberamia2000@pcs.usp.br
  
- **III WDAIMAS** – 3th Workshop on Distributed Artificial Intelligence Distribuída and Multi-Agent Systems  
Atibaia, SP - November 20 -22, 2000  
<http://www.inf.ufrgs.br/~3WDAIMAS>  
e-mail: alvares@inf.ufrgs.br
  
- **VI SBRN** – 6<sup>th</sup> *Brazilian Symposium on Neural Nets*  
Rio de Janeiro, RJ - November 23 -25, 2000  
<http://www.iltc.br/sbrn2000>  
e-mail: [sbrn2000@comp.ita.cta.br](mailto:sbrn2000@comp.ita.cta.br)  
Proceedings published by IEEE Computer Society

- **WMF'98** – *I Brazilian Workshop on Formal Methods*  
Porto Alegre, October 19-21, 1998  
<http://www.inf.ufrgs.br/~wmf98>
- **IXSCTF**-*Brazilian Symposium on Fault-Tolerant Computing*  
Florianópolis, March 5-7, 2001
- **GRACO 2001** - -*Brazilian Symposium on Graphs, Algorithms and Combinatory*  
Fortaleza, CE – March 17-19, 2001  
<http://www.lia.ufc.br/symp2001>
- **XVISBRC**-*Brazilian Symposium on Computer Networks*  
Florianópolis, SC – May 22-25<sup>th</sup>, 2001  
email: farines@lcmi.ufsc.br
- **V SBLP** - *Brazilian Symposium on Programming Languages*  
Curitiba, PR – June, 2001  
email: [martin@inf.ufpr.br](mailto:martin@inf.ufpr.br)
- **XXI SBC –21th Annual Congress of the Brazilian Computer Society**  
Fortaleza, CE – August, 2001  
<http://www.sbc.org.br/sbc2001>  
email: [sbc2001@sb.org.br](mailto:sbc2001@sb.org.br)  
**The SBC Congress is composed by:**
- **IX WEI** - *Workshop on Education in Computer Science* - a forum for discussing undergraduate and graduate curricula;
- **XXXI SECOMU** - *Seminar on Computing in the Universities* - a forum for discussing government policies, as related to the industry and the universities;
- **XXVIII SEMISH** - *Seminar on Software and Hardware* - a scientific forum in all fields of Computer Science;
- **XXJAI** - an aggregate of tutorials in all fields of Computer Science (14 tutorials, from 6 to 10 hours long);. It is published a book.
- **XII CTD** - a contest which awards the best MSc and PhD thesis presented in Brazil in the last year;
- **XVIII CTIC** - a contest which awards the best research projects of undergraduate students; and
- **XIX ENECOMP** - a student forum for discussing educational and professional subjects.
- **VIII SBC&M**- *Brazilian Symposium on Computer Music*
- **WIE** – *Workshop on Informatics in School*
- **IX SBC&M**- *Brazilian Symposium on Computer Music*

## Regional Computer Short Schools:

The Regional Computer Science Schools are composed of about 10 short courses with 3 lectures of 1 hour each, showing the state-of-the-art in some computer science fields. It is published a book with a text related to each course. They are organized each year by all regional divisions of the SBC. It started with the SBC- South Division : SBC-RS, and the last edition was held in three cities: Ijuí, Tubarão and Foz do Iguaçu at the same week with the same courses and book. The number of participants was 1300.

### **VIIIERI- Regional School on Computer Science SBC RS**

Ijuí, RS; Tubarão, SC; Foz do Iguaçu, PR, May 15-19,2000

### **I ENNEC - I North/Northeast Computer Engineering School**

Recife, PE - April, 10-14, 2000

### **EIN'2000 Regional School on Computer Science SBC -North**

UNAMA (Belem) and FUA (Manaus) – October 18-20, 2000

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e-mail: [ricardo@unama.br](mailto:ricardo@unama.br) (Belem)

e-mail: [barreto@dcc.fua.br](mailto:barreto@dcc.fua.br) (Manaus)

### **2<sup>nd</sup> EMicro - Microelectronics School of the Brazilian Computer Society- South Section**

Torres, Rio Grande do Sul, July 31 to August 2000, with 110 participants. The students received a book (published by Sagra Press) prepared by the professors of the school.

OBS: The SBC and SBC local chapters also sponsored and co-sponsored a series of local events.

## Publications

The SBC publishes in a regular basis the proceedings of the conferences and symposia. The SBC publishes the **JBCS - Journal of the Brazilian Computer Society**, a quarterly publication with English as the official language and having several international members in the Editorial Board. The Journal is delivered at no additional cost to all members of the Society.

The Brazilian Computer Society also publish a **Journal on Computers in Education** (<http://www.inf.ufsc.br/sbc-ie/revista/>)

SBC has done an agreement with a local publishers CAMPUS to start a series of books for undergraduate courses on Informatics. The first call for book proposals was launched.

## Computer Olympic Games

The Brazilian Computer Society sent an team to the International Olympiad in Informatics (IOI) in Turkey, December 1999. This is was the first Brazil participation to the International Olympiad in

Informatics. The SBC already organized the second Brazilian Olympiad in Informatics that selected the team to represent Brazil at the 2000 International Computer Olympic Games, in Beijing.

## **Electronic services**

The SBC Web site is <http://www.sbc.org.br>

## **Brazilian Computer Society representatives at IFIP TCs:**

TC3- Raul Waslawick (UFSC, Florianópolis)

TC6- José Neuman (UFC, Fortaleza)

TC10- Ricardo Reis (UFRGS, Porto Alegre)

TC13- Clarisse de Souza (PUCRJ, Rio de Janeiro)

### **Part II:**

#### **Proposals to IFIP:**

- 1- Setup of a publications homepage linked to IFIP homepage with a list of publications from the member societies.
- 2- Inclusion of a list of events from the member societies in the IFIP events homepage.

## **Brazilian Computer Society Sociedade Brasileira de Computação**

### **Headquarters:**

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[http:// www.sbc.org.br](http://www.sbc.org.br)

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