



**Brazilian Computer  
Society**

**BRAZILIAN COMPUTER SOCIETY  
SOCIEDADE BRASILEIRA DE COMPUTAÇÃO**

**Society Report to IFIP  
GA 2001  
September 1 to 5  
Natal, Brazil**

# BRAZILIAN COMPUTER SOCIETY SOCIEDADE BRASILEIRA DE COMPUTAÇÃO Society Report to IFIP GA2001

## Part I: Activities

### I-1- News

As you can see in the cover of this report, the Brazilian Computer Society has a new logo.

The SBC is starting its Digital Library. Now it has the proceedings of 20 conferences.

It was established an agreement with Campus Publishers to run a series of books (in portuguese) to be used in undergraduate and graduate courses.

A new printed information bulletin was launched and it is published quarterly.

The headquarters of the SBC started to help in the organization of events (distribution of CFP, provision of conference materials, etc)

The Brazilian Computer Society is the host of the IFIP GA2001.

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

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

#### Future Events and Meetings:

##### WG 10.5 Meeting

Brasília, September 10, 2001 (with in *Symposium on Integrated Circuits and Systems Design*).

##### TC10 Meeting

Brasília, September 10, 2001 (with in *Symposium on Integrated Circuits and Systems Design*).

##### 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:

**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).

Other International Events with SBC cooperation:

## **ICSE 2002 - 24th International Conference on Software Engineering**

May 19 a 25, 2002 - Buenos Aires, Argentina

URL: <http://www.icse-conferences.org/2002/>

## **LATIN'2002 - Latin American Theoretical Informatics**

April 3-6, 2002 - Cancun, México

E-mail: latin2002@fismat.umich.mx

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

### **Future Events and Meetings:**

- **XIII SBAC-PAD** – 13<sup>th</sup> *Brazilian Symposium on Computer Architecture and High-Performance Computing*  
Pirenópolis, September 10-12, 2001  
Co-sponsored by IFIP WG 10.3
  
- **XIV SBCCI** – 14<sup>th</sup> *Symposium on Integrated Circuits and System Design*  
Pirenópolis, September 10-14, 2001  
<http://www.sbc.org.br/sbccci>  
Co-sponsored by IFIP WG 10.5  
In cooperation with: ACM SIGDA  
Proceedings published by IEEE Computer Society
  
- **XV SBCCI** – 15<sup>th</sup> *Symposium on Integrated Circuits and System Design*  
Porto Alegre, September 9-14, 2002  
<http://www.sbc.org.br/sbccci>  
Co-sponsored by IFIP WG 10.5

## Past Events:

- **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 2001 edition was held in Fortaleza, July 2001, and it had 3300 attendees. The 2001 Congress was composed by the following events:

- **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. It is published a book.
- **XII CTD** - a contest which awards the best MSc and PhD thesis presented in Brazil in the past 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*

## The symposia of the Interest Groups:

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

- **XII SBAC-PAD** – 12<sup>th</sup> *Brazilian Symposium on Computer Architecture and High-Performance Computing*  
São Pedro, October 24-27, 2000  
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/sbccci>  
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
- **XIV SBES** - *Brazilian Symposium on Software Engineering*  
João Pessoa, PB - 04 a 06 de outubro de 2000
- **XIII SIBGRAPI** – 13<sup>th</sup> *Brazilian Symposium on Computer Graphics, Vision and Image Processing*  
Gramado, October 16 - 20, 2000  
Proceedings published by IEEE Computer Society
- **III WRV**- *Workshop on Virtual Reality*  
Gramado, October 16-18, 2000
- **III IHC** - *Workshop on Human Computer Interaction*  
Gramado, October 18 - 20, 2000
- **XI SBIE** - *Brazilian Symposium on Informatics in Education*  
UFAL - Maceió, AL – November 8 -10, 2000
- **XV SBIA**- *Brazilian Symposium on Artificial Intelligence*  
Atibaia, SP - November 19 -23, 2000  
Proceedings published by Springer-Verlag
- **IBERAMIA 2000** *Ibero-American Conference on Artificial Intelligence*  
Atibaia, SP - November 19 -23, 2000

- **III WDAIMAS** – 3th Workshop on Distributed Artificial Intelligence and Multi-Agent Systems  
Atibaia, SP - November 20 -22, 2000
- **VI SBRN** – 6<sup>th</sup> Brazilian Symposium on Neural Nets  
Rio de Janeiro, RJ - November 23 -25, 2000  
Proceedings published by IEEE Computer Society
- **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
- **XVISBRC**-Brazilian Symposium on Computer Networks  
Florianópolis, SC – May 22-25<sup>th</sup>, 2001
- **V SBLP** - Brazilian Symposium on Programming Languages  
Curitiba, PR – June, 2001
- **WoLLIC'2001**- 8th Workshop on Logic, Language, Information and Computation  
Brasília, July 31st to August 3<sup>rd</sup>, 2001

The SBC was also co-sponsor of the

**II Internacional Fórum on Free Software** - Porto Alegre, RS – May, 2001

## Next Events:

- **XIII SBAC-PAD** – 13<sup>th</sup> Brazilian Symposium on Computer Architecture and High-Performance Computing  
Pirenópolis, September 10-12, 2001  
Co-sponsored by IFIP WG 10.3
- **XIV SBCCI** – 14<sup>th</sup> Symposium on Integrated Circuits and System Design  
Pirenópolis, September 10-14, 2001  
<http://www.sbc.org.br/sbcci>  
Co-sponsored by IFIP WG 10.5  
In cooperation with: ACM SIGDA  
Proceedings published by IEEE Computer Society

- **XV SBCCI** – 15<sup>th</sup> *Symposium on Integrated Circuits and System Design*  
 Porto Alegre, September 9-14, 2001  
<http://www.sbc.org.br/sbccci>  
 Co-sponsored by IFIP WG 10.5  
 In cooperation with: ACM SIGDA  
 Proceedings published by IEEE Computer Society
  
- **XVI SBBD** - *Brazilian Symposium on Data Bases*  
 Rio de Janeiro – October, 1-3 ,2001  
<http://www.sbbd.net>
  
- **XV SBES** - *Brazilian Symposium on Software Engineering*  
 Rio de Janeiro – October, 1-3 ,2001  
<http://www.sbes.net>
  
- **XIV SIBGRAPI** – 14<sup>th</sup> *Brazilian Symposium on Computer Graphics, Vision and Image Processing*  
 Florianópolis, October, 15 - 18, 2001  
<http://www.sbc.org.br/sibgrapi>  
 Proceedings published by IEEE Computer Society
  
- **IV SRV**- *Symposium on Virtual Reality*  
 Florianópolis, October 15-19, 2001  
<http://www.sbc.org.br/SRV>
  
- **IV IHC** - *Workshop on Human Computer Interaction*  
 Florianópolis, October 15 - 19, 2001  
<http://www.sbc.org.br/ihc>
  
- **XII SBIE** - *Brazilian Symposium on Informatics in Education*  
 Vitória, ES – November 21-23, 2001  
<http://www.inf.ufes.br/sbie2001/>
  
- **VII SBRN** – 7<sup>th</sup> *Brazilian Symposium on Neural Nets*  
 November, 2001  
 Proceedings published by IEEE Computer Society
  
- **XVISBRC** - *Brazilian Symposium on Computer Networks*  
 Búzios, RJ – May 20-24, 2002  
<http://www.sbrc2002.ufrj.br>
  
- **VI SBLP** - *Brazilian Symposium on Programming Languages*  
 June, 2002
  
- **XXII SBC** – **21th Annual Congress of the Brazilian Computer Society**

Florianópolis – July 15-19, 2002

<http://www.sbc.org.br/sbc2002>

**The SBC Congress is composed by:**

- **X WEI** - *Workshop on Education in Computer Science* - a forum for discussing undergraduate and graduate curricula;
- **XXXII SECOMU** - *Seminar on Computing in the Universities* - a forum for discussing government policies, as related to the industry and the universities;
- **XXIX SEMISH** - *Seminar on Software and Hardware* - a scientific forum in all fields of Computer Science;
- **XXIJAI** - an aggregate of tutorials in all fields of Computer Science (14 tutorials, from 6 to 10 hours long);. It is published a book.
- **XIII CTD** - a contest which awards the best MSc and PhD thesis presented in Brazil in the last year;
- **XIX CTIC** - a contest which awards the best research projects of undergraduate students; and
- **XX ENECOMP** - a student forum for discussing educational and professional subjects.
- **WIE** – Workshop on Informatics in School

## **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 the regional divisions of the SBC. It started with the SBC- South Division : SBC-RS, and the last edition was held in three cities: Passo Fundo, São José, Maringá, at the same week with the same courses and book. The number of participants was 1000.

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

Passo Fundo -RS, São José-SC, Maringá-PR

21 a 25 de Maio, 2001

### **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

### **ERBASE - Regional School on Computer Science SBC-Nordeste II**

October 22-26, 2001, Salvador - BA; Aracaju - SE

### **ERIN2001 - Regional School on Computer Science SBC-North**

October 17-19, 2001- Belém, PA; Manaus, AM; Ji-Paraná, RO

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

Santa Maria, Rio Grande do Sul, August 6 to 11, with 130 participants. The students received a book (published by Sagra Press) prepared by the professors of the school. The 2002 edition will be in Florianópolis.

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 a team to the International Olympiad in Informatics IOI2001 that was held in Tampere, Finland (<http://www.ioi2001.edu.fi/>). In this participation in the International Olympiad in Informatics the Brazilian team won two medals: silver (Davi T. Figueiredo) and bronze (Eduardo P. Habkost). The SBC already organized the third Brazilian Olympiad in Informatics that selected the team to represent Brazil at the 2001 International Olympiad in Informatics.

## **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**

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