

## Candidate for Chair

Agostinho Claudio da Rosa  
Technical University of Lisbon, Portugal

### **BIOGRAPHY**

#### Academic Background:

Ph.D., IST, 1990, EEG Modelling.

#### Professional Experience:

Associate Professor, Technical University of Lisbon, Portugal, 1996 – 2009;  
Invited Professor, State University of Sao Paulo, Brazil, 2008 – 2009;  
Invited Professor, Stanford University, USA, 1998 – 2000.

#### Professional Interest:

Biomedical Signal and Image Processing; BioInspired Computing; Pattern Recognition;  
Neurofeedback; Analysis and modeling of Human Sleep.

#### Membership and Offices in Related Organizations:

President of the Board of Directors, ISTEEL, 1997 – 2001;  
President of the Scientific Committee, ISTEEL, 1994 – 1997;  
Member of the Board of Directors, Portuguese Sleep Association (APS), 1992 – 1996.

#### Awards Received:

Brazilian Sleep Society, 2003; BIAL, 2003.

### **STATEMENT**

We are facing troubled waters, it is also time to perish or to excel.  
As a new officer, I will try to absorb, process and evolve.

## Candidate for Chair

Ronaldo Menezes  
Florida Institute of Technology, Melbourne, FL, USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., The University of York, England, 2000, Coordination Systems.

#### Professional Experience:

Visiting Scholar, CCNR, Northeastern University, Boston, MA, USA, 2009 – Present;  
Associate Professor, Florida Tech, Melbourne, FL, USA, 2000 – Present;  
Lecturer, University of Ulster, Londonderry, UK, 1999 – 2000.

#### Professional Interest:

Swarm Intelligence; Complex and Social Networks; Multi-agent Systems; Coordination Languages and Systems.

#### ACM Activities:

Treasurer, SIGAPP, 2004 – 2007; Secretary, SIGAPP, 2008 – 2009.

#### Membership and Offices in Related Organizations:

Vice-Chair, Symposium on Applied Computing, 2003;  
Track Chair, Symposium on Applied Computing, 2002 – 2005;  
Program Chair, Symposium on Applied Computing, 2006 – 2009.

#### Awards Received:

IEEE Senior Member, 2008.

### **STATEMENT**

I've been involved with SIGAPP for about 5 years now. I'm running for the chair position because I believe this SIG has the potential to become even more successful. SIGAPP is in a good financial standing and it's time we invest in our members. My priorities as chair would be:

- (1) Complete modernization, going from investments in the image of SIGAPP (site, logo, etc), to the automation of tasks at SIGAPP and Symposium on Applied Computing (our sole conference) such as registration, conference attendance information, proceedings delivery, etc.
- (2) Continue to push ACM to institute a SIGAPP journal publication in the form of a "Transactions".

- (3) Continue to expand the student travel awards program to include specific funds for developing countries. This was done very ad-hoc in 2009 and should be made official.
- (4) Look at the possibility of making travel grants available to the general member body.
- (5) Be inclusive with our members allowing them to work with the SIGAPP officers as volunteers, making sure their voices are heard and used in our decisions. There is a lot of work to be done and I'll be honored to get your vote.

## Candidate for Chair

Sung Y. Shin  
South Dakota State University, Brookings, SD USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., University of Wyoming, 1991, Computer Science.

#### Professional Experience:

Professor & Graduate Coordinator, EECS Department South Dakota State University, Brookings, SD, USA, 1991 – Present;  
ABET CAC Accreditation Evaluator, ABET (Accreditation Board of Education and Technology), Baltimore, MD, USA, 2004 – Present;  
Visiting Scientist, Life & Space Science Division, NASA, Johnson Space Center, Houston, TX, 2000 – 2002.

#### Professional Interest:

Software Fault Tolerance; Software Testing and Reliability; Telemedicine; Image processing; GIS.

#### ACM Activities:

Vice-Chair of SIGAPP (2 terms), SIGAPP, 2005 – 2009;  
Conference Co-Chair of ACM SAC 2009, ACM SAC, 2008 – 2009;  
Conference Co-Chair of ACM SAC 2007, ACM SAC, 2006 – 2007;  
Publicity Co-Chair of ACM SAC 2008, ACM SAC, 2007 – 2008.

#### Membership and Offices in Related Organizations:

Steering Committee Chair of 4th International CTIC conference, Convergence Technology and Information Convergence, 2008 – 2009;  
Served over 10 conferences or program chair for conferences, ISCA, ACIS, CTIC, 1995 – Present.

#### Awards Received:

ACM: ACM SAC Service Award, 2009; SAC Service Award, 2008; ACM SAC Service Award, 2007.

Other: Best paper Award at the 9th World Multi-Conference, 2005; Best Paper Award at the 2003 MMBA Conference in Chicago, 2003; NASA Research Fellow Award, 1993; Ellbogen Outstanding Classroom Teaching Award, 1991.

## **STATEMENT**

As a candidate for Chair of SIGAPP, my past experience as a two-term Vice-Chair of SIGAPP and a co-chair of two SAC conferences, has provided me the opportunity to work in partnership with SIGAPP members.

As Chair of SIGAPP, I would work to increase membership in SIGAPP with an emphasis on student membership. My goal includes increasing scholarship and travel funds for student participation in SAC conferences.

As Chair of SIGAPP, I would focus on increasing the SIGAPP revenue available for SAC conference support. This increase in funding for SAC conferences will result in a higher quality conference that includes greater participation in conference activities with a welcoming conference atmosphere.

As Chair of SIGAPP and ambassador of research and science, I will promote an increase in the publication opportunities for SIGAPP members, potential members, and students such as an ACM transaction on applied computing. The new publication will focus on increased membership in Europe and Asia as well as our constituents in the US.

As Chair of SIGAPP, I use my previous leadership experiences in SIGAPP and SAC to develop our organization and support a strong infrastructure for our continued success.

## Candidate for Vice Chair

Richard Chbeir  
University of Bourgogne, Dijon, France

### **BIOGRAPHY**

#### Academic Background:

Ph.D., In Computer Science, INSA de Lyon, 2001, Multimedia Information Retrieval.

#### Professional Experience:

Associate Professor, University of Bourgogne, Dijon-France, 2002 – 2009;  
Assistant Professor, University of Lyon 1, Lyon-France, 1999 – 2001.

#### Professional Interest:

Multimedia Information Retrieval; Query Rewriting and Optimization; XML-based Comparison and Similarity; Multimedia Access Control Models.

#### ACM Activities:

Chair, ACM SIGAPP French Chapter, 2007 – 2009;  
Vice-chair, ACM SAC Conference, 2006 – 2006;  
Track Chair, ACM SAC ASIIS Track, 2006 – 2009;  
Member, ACM & SIGAPP, 2006 – 2009.

#### Membership and Offices in Related Organizations:

Editorial Board, Soft Computing of the IEEE SMCS, 2008 – 2009;  
Editor, Emergent Web Intelligence Springer Book, 2007 – 2008;  
Guest Editor, IEEE Multimedia, 2008 – 2009.

#### Awards Received:

SBB'D'07 Conference ("2nd Best Paper Award"), 2007.

### **STATEMENT**

Computing applications are becoming vital for most contemporary societies. It would be an honor to serve as Vice Chair and to play a privileged role in promoting SIGAPP, as a missionary of applied computing, over the world and particularly in Europe and Asia. With the emergence of new technologies, SIGAPP gathers more and more various communities (computer scientists, computer engineers, software engineers, application developers, etc.) working in different areas. The diverse needs and interests of these communities witness the importance of establishing strong collaboration between them. If elected as Vice Chair, I will do my best to significantly strengthen such collaboration, to be close and notably attentive to each community needs, and to initiate several gateways. I will also work in

collaboration with the chair towards expanding and diversifying the human capital of SIGAPP and making it a more and more friendly and accessible society. I will explore how membership in SIGAPP and participation to its events can increase, with initiatives that focus especially on young researchers and on scientists from different geographic regions. My ongoing involvement in several conference series would also serve to initiate several opportunities for cooperation with other special research groups.

Thank you for your consideration.

## Candidate for Vice Chair

Rajiv Ramnath  
The Ohio State University, Columbus, OH, USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., The Ohio State University, 1989, Computer and Information Science.

#### Professional Experience:

Associate Director, Institute for Sensing Systems, College of Engineering, The Ohio State University, Columbus, OH, USA, 2008 – 2009;

Director, CETI, Assistant Professor of Practice, Computer Science and Engineering, The Ohio State University, Columbus, OH, USA, 2002 – 2009;

Vice President, Product Development, Concentus Technology Corporation, Columbus, OH, USA, 1998 – 2002.

#### Professional Interest:

Adaptive Complex Systems; Enterprise Architecture and Systems; Cyberinfrastructures; Software Engineering; Software Engineering Education.

### **STATEMENT**

The Special Interest Group on Applied Computing performs an essential service in the development of new computing applications and application areas and the transfer of computing technology to new problem domains. My goal as Vice Chair will be to encourage rigor in application-oriented research, and to enable greater collaboration of industry and academic researchers in SIGAPP-sponsored forums in a research partnership to achieve this.

## Candidate for Secretary

Mathew J. Palakal  
Indiana University - Purdue University Indianapolis, IN, USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., Concordia University, Montreal, 1988, Computer Science.

#### Professional Experience:

Associate Dean, Research & Graduate Programs, Indiana University - Purdue University Indianapolis, IN, 2006 – 2009;

Chair, Computer Science Department, Indiana University - Purdue University Indianapolis, IN, 1997 – 2006;

Director, Informatics Research Institute, Indiana University - Purdue University Indianapolis, IN, 2004 – 2009.

#### Professional Interest:

Data and Text Mining; Bioinformatics; Knowledge discovery and representation; Network analysis.

#### ACM Activities:

Bioinformatics Track Chair, SAC, 2003 – 2009; Poster Chair, SAC, 2004 – 2008; eConference Management Chair, SAC, 2008 – 2009.

### **STATEMENT**

I started my involvement with SAC in 2002 as a paper presenter. In 2003, I started my active involvement by becoming the Track Chair for Bioinformatics, that I continue to do till now.

At a SAC Business meeting in 2003, I proposed the idea of starting a Poster Session at SAC Meetings and it was approved. At the 2004 SAC Meeting in Cyprus, the first Poster Session was held with approximately 40 posters presenting. The Poster Session has now grown close to 100 posters. This has led to greater SAC participation, and more importantly, provided the opportunity for graduate students to come and present.

Serving as a Track Chair for Bioinformatics, I realized that SAC was not using any electronic conference management systems. By understanding the complexity of SAC's Track-based system, I spear headed developing an electronic conference management system called, eCMS. eCMS is currently in use and it is heavily customized for SAC.

In a nut shell, I am an idea maker and problem solver. In my capacity, if elected as the Secretary, I will explore the current state of the organization and suggest solutions for any problems that exist and bring ideas for improvement and innovation.

## Candidate for Secretary

Eric Wong  
University of Texas at Dallas, Richardson, TX USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., Purdue University, 1993, Computer Science.

#### Professional Experience:

Associate Professor/Coordinator, Software Engineering Group, University of Texas at Dallas, Richardson, TX, 2002 – Present;

Senior Research Scientist/Project Manager, Telcordia Technologies (formerly Bellcore), Morristown, NJ, 1995 – 2002;

Member of Technical Staff, Hughes Network Systems, Germantown, MD, 1994 – 1995;

#### Professional Interest:

Software Testing & Maintenance; Software Reliability; Software Safety; Software Metrics; Quality of Service.

#### ACM Activities:

Chair of the Software Engineering, Track of ACM SAC conference, SIGAPP, 2007 – 2009;  
Program committee member of ACM, SAC conference, SIGAPP, 2005 – 2009.

#### Membership and Offices in Related Organizations:

Member of Administrative Committee, IEEE Reliability Society, 2008 – 2010;

Member of Standing Committee, International Computer Software and Applications Conference, 2006 – Present;

Member of Steering Committee, International Workshop on Automation of Software Test, 2008 – Present.

#### Awards Received:

Quality Assurance Special Achievement Award, JSC, NASA, 1997;

Best paper award at COMPSAC 2007.

### **STATEMENT**

With the increased emphasis on the quality of software and systems, and the pressure for cheaper and faster delivery, new methodologies are required for creating more dependable software and systems in a more effective way. My experience in both industry and

academia helps me to contribute usefully to the SIGAPP community by providing channels to academic researchers to expand their awareness of the areas that are vital to industry, and also to allow practitioners to express their needs.

Serving as program and general chair for many international conferences has given me an opportunity to learn how to organize conferences efficiently and effectively. If elected, I would work closely with the SIGAPP community to ensure conferences such as SAC attract more attendees from different sectors including government agencies, corporations, and universities. Efforts to improve student participation will be a priority, including a joint effort with industry to provide travel awards for top-quality student authors.

As Secretary, I would also promote SIGAPP to increase its recognition in academic and industrial communities and establish communication with other SIG groups. The objective is to help SIGAPP to not only grow its membership but also recruit more volunteers for its future development.

## Candidate for Treasurer

Chang-Hyun Jo  
California State University Fullerton, Fullerton, CA, USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., Oklahoma State University, 1991, Computer Science.

#### Professional Experience:

Professor, California State University Fullerton, Fullerton, CA, USA, 2002 – 2009;  
Associate Professor, University of North Dakota, Grand Forks, ND, USA, 1998 – 2002;  
Associate Professor, Kyonggi University, Kyonggi-Do, Korea, 1991 – 1998.

#### Professional Interest:

Software Engineering; Programming Languages; Agent Computing; Online Education;  
CMMI.

#### ACM Activities:

Programming Languages Track Chair, SAC, 1999 – 2008;  
Secretary, SIGAPP, 2005 – 2007;  
Asia Membership Liaison of ACM SIGAPP, SIGAPP, 1996 – 1998.

### **STATEMENT**

I have served SIGAPP and SAC conferences in many ways for more than 10 years since SIGAPP was started. One of my contributions was that I tried to call participation from many different countries in addition to the USA. If elected treasurer of SIGAPP, I hope to improve the process and activities of SIGAPP, so we can enhance the quality of our service to all members with strong international collaborations.

## Candidate for Treasurer

Lorie M. Liebrock  
New Mexico Institute of Mining and Technology, Socorro, NM USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., Rice University, 1994, Computer Science.

#### Professional Experience:

Associate Professor & Associate Chair, New Mexico Institute of Mining and Technology, Socorro, NM, 2007 – 2009;

Education Director, New Mexico Computing Applications Center, Albuquerque, NM, 2007 – 2009;

Assistant Professor, New Mexico Institute of Mining and Technology, Socorro, NM, 2002 – 2007.

#### Professional Interest:

Parallel Processing; Computer Forensics; Visualization; Well Posedness Analysis; Computing Education.

#### ACM Activities:

Treasurer, SIGAPP, 2007 – 2009.

#### Membership and Offices in Related Organizations:

Editor, Symposium on Applied Computing, 2004 – 2008;

Student Volunteers Co-Chair, SC08, 2008;

Associate Editor, Applied Mathematics and Computation, 2007 – 2009.

### **STATEMENT**

SIGAPP has the potential to be a driving force behind the transformation of education and economic development. Given the economic downturn that has impacted so much of the world, it seems that SIGAPP has the opportunity to provide leadership in strengthening the education, economic development, and awareness of opportunities in the arena of computing applications. I would work to explore how SIGAPP can have greater impact in these areas.