



Business Meeting

July 26, 2010

Jeremy Johnson
SIGSAM Chair

What is SIGSAM?

Since 1967 SIGSAM has been the largest international organization representing, promoting and supporting the computer algebra and symbolic computation scientific communities.

Our scope encompasses the design, analysis and implementation of algorithms and systems for symbolic and algebraic computation and their application to problems of science and broader society.

SIGSAM Regularly:

- Publishes the Communications in Computer Algebra
- Sponsors conferences (such as ISSAC)
- Sponsors, funds, and nominates for awards
- Informs members on computer algebra activities and events
- Anything to support the computer algebra community

SIGSAM Officers

- Elected (2009-2011)
 - Chair: Jeremy Johnson (Drexel, USA)
 - Vice Chair: Elizabeth Mansfield (Kent, UK)
 - Treasurer: Agnes Szanto (NCSU, USA)
 - Secretary: Wen-shin Lee (Antwerp, Belgium)
- Institutional
 - Information Director: William J. Turner (Wabash College, USA)
 - CCA Editors: Ilias Kotsireas (Wilfrid Laurier University, Canada), Manuel Kauers (RISC, Austria)
 - Past Chair: Mark Giesbrecht (Waterloo, Canada)

Advisory Board

The advisory board receives regular reports on SIGSAM activities and provides feedback to the officers on matters of SIGSAM

- Daniel Lichtblau (USA): 2009-2012
- Manuel Kauers (Austria): 2009-12
- John May (Canada): 2009-12
- Xiaoshan Gao (China): 2009-12
- Jean-Guillaume Dumas (France): 2007-11
- Stephen Watt (Canada): 2008-11
- Tateaki Sasaki (Japan): 2008-11
- Dongming Wang (China/France): 2008-11
- Michael Monagan (Canada): 2007-10
- Joachim von zur Gathen (Germany): 2006-10

Editorial Board

- Editor in Chief
 - Ilias Kotsireas (Canada)
 - Manuel Kauers (Austria)*
 - Austin Lobo (outgoing) –Thanks!!!
- Associate Editors
 - Chris Brown (Formally Reviewed Art.) (USA)
 - Jean-Guillaume Dumas (France)
 - Massimo Caboara (Italy)
 - Laureano Gonzalez-Vega (Spain)
 - Michael Wester (USA)
 - Lihong Zhi (China)*
 - Eugene Zima (Canada)
- Website
 - John May and Daniel Roche

ACM Transactions On Mathematical Software

The “ACM Transactions on Mathematical Software” (TOMS) seeks to communicate important research results addressing the development, evaluation and use of mathematical software.

- TOMS publishes machine-readable computer software which is incorporated into the “Collected Algorithms of the ACM.”
- SIGSAM holds a seat on the TOMS editorial board (currently Gene Cooperman) and encourages submissions of computer algebra papers to TOMS.
- Gene will be stepping down – thanks!!!

Activities 2009-10

- SIGSAM was given a 4-year renewal in March 2009
- Financially healthy & Membership up
- Conferences:
 - ISSAC 2009 – co-sponsorship
 - ISSAC 2010 – in cooperation
 - ISSAC 2011 – full sponsorship
 - ECCAD, PASCO, PLMMS – in cooperation
- Awards
 - ACM Fellow – Erich Kaltofen
 - ISSAC Awards (2009) - endowed
 - Distinguished Student Paper: Wolf Daniel Andres, RWTH Aachen, Germany and Jorge Martìn Morales, University of Zaragoza, YongJae Cha, Florida State University, USA, Luca De Feo, 1 École Polytechnique and INRIA, France
 - Distinguished Paper Award: Chris Brown, Department of Computer Science, United States Naval Academy, Annapolis, Maryland, USA

Who is SIGSAM?

Total of 346 members (up from 292)

- Membership Distribution:
 - Asia 8%
 - Europe 23%
 - North America 66%
 - Other (South America and Australia): 3%
- Membership Dues:
 - Regular: \$30 US / €20
 - Student: \$9 US / €6

Benefits of SIGSAM?

- Two printed issues of CCA per year
- Early access to CCA through SIGSAM website
- DVD of ISSAC proceedings, etc.
- Discounted registration (ISSAC)
- Support SIGSAM activities and awards
- Support computer algebra community
- Others
 - Use of CAS in applications, education, ...
 - Benchmark repository, ...
 - Scholarships, ...
 - Information repository (, announcements (conferences, jobs), theses, CA archives, CA History