

SIGSAM FY'05 Annual Report
July 2004 - June 2005
Submitted by: Emil Volcheck, SIGSAM Chair

The SIGSAM homepage is at <http://acm.org/sigsam> .

Viability Review

At the March SGB meeting, the SGB found SIGSAM viable for an additional two years.

Membership

As of 30 June 2005, SIGSAM had 357 members, down from 366 members a year ago.

SIGSAM Bulletin: Communications in Computer Algebra

During the past year, we again published four issues of the Bulletin. Ilias Kotsireas and Austin Lobo continued serving as co-Editors of SIGSAM's quarterly Bulletin: Communications in Computer Algebra. Chris Brown continues to serve as the Associate Editor for Formally Reviewed Articles.

ISSAC Conferences

ISSAC 2005 is hosted by the Key Laboratory of Mathematics Mechanization of the Chinese Academy of Sciences in Beijing, China and takes place July 24-27. Preliminary figures indicate that the conference will come in at budget.

ISSAC 2006 will take place July 9-12, 2006 in Genoa.

Executive Committee Activity

The officers of SIGSAM have finished their first term of office and received an extension of an additional two-year term.

Emil Volcheck (Chair)
Mark van Hoeij (Secretary)
Wayne Eberly (Treasurer).

Rob Corless serves as Past Chair.

Manuel Bronstein, who held the position of Vice Chair, passed away suddenly in June 2005. He served our community over ten years in various capacities, and we will miss his energy, humor, and good sense. The position of Vice Chair remains vacant at this time.

The SIGSAM Executive Committee (EC) made progress on several initiatives this year.

Awards

SIGSAM succeeded in nominating a distinguished member of our community, George Collins, as a Fellow of the ACM. This marks the first time that SIGSAM has done this in recent memory.

SIGSAM submitted a proposal to have the Richard D. Jenks Memorial Prize for Excellence in Software Engineering Applied to Computer Algebra be accepted as an ACM subunit named award. More information is available at <http://www.cis.udel.edu/~caviness/jenks/>

The ISSAC 2004 awards have been processed. The winners of the ISSAC 2005 have been selected and will be announced at ISSAC 2005. More information is available at the awards webpage:

[http://www.acm.org/sigsam/ISSAC Awards](http://www.acm.org/sigsam/ISSAC_Awards)

Organization

The SIGSAM Executive Committee voted to submit a bylaws revision for approval by the SGB Chair and ACM Council. Two significant changes are revising the scope of SIGSAM to more accurately represent its current activities, formally establishing an Advisory Board that will be elected each year at the SIGSAM Annual General Meeting (AGM), and changing the method of electing officers so that members elect the SIGSAM Executive Committee, which then determines who will take which office. We engaged the services of a professional parliamentarian to assist in drafting new language, which was particularly helpful with the new election procedures.

Membership Development

This year we offered 90 complimentary 6-month SIGSAM memberships to ISSAC 2004 participants.

Citations Project

Citations Project Coordinator Alexander Hulpke added five citations to computer algebra systems to the SIGSAM Citation Index, on the web at <http://acm.org/sigsam/citation> .

ISSAC Proceedings on CD

Vice Chair Manuel Bronstein and Tim Daly produced a CD with the ISSAC 2005 Proceedings, past issues of SIGSAM's Bulletin, and a variety of free and open source software packages for computer algebra. The CD will be distributed at ISSAC 2005 and will be sent to all Bulletin subscribers with the September issue. We provided a copy of the ISSAC 2004 CD to Math Reviews Executive Editor Kevin Clancey to help with indexing the Proceedings.

ISSAC Video

SIGSAM with support from Adam Greenberg in ACM IS has put digital video of the invited lectures from ISSAC 2003 and 2004 on the web in streaming MPEG-4 format. The webpage for the videos is

<http://www.sigsam.org/issac/videos.html> .

ISSAC Steering Committee

A tentative understanding regarding how to manage returns from ISSAC has been reached between the ISSAC Steering Committee and the SIGSAM Executive Committee. Former SIGSAM Chair Stephen Watt and Information Director William Turner created a home page for the ISSAC conferences at

<http://www.sigsam.org/issac/> .

Financial Summary

The SIGSAM fund balance as of 30 June 2005 is 10,544 USD, up from the closing balance for FY 2004 (projected: 4,185 USD, actual -1,121). The increase in Digital Library revenue starting next year will significantly help our finances.