

Annual Report of the SIG Governing Board

For the period
1-July-13 through 30-June-14

Submitted by:
Erik Altman

September 30, 2014

1. Governance

1.1 The SIG Governing Board (SGB)

The SGB is comprised of the chief executive officer or designee of each regular SIG. The SGB is charged with forming SIGs, with managing them and setting policies for their management, and with recommending their dissolution. The SGB elects a Chair, Executive Committee and 3 additional representatives to Council.

1.2 The SGB EC

The SGB elects a Chair and an Executive Committee, which has full authority to act on behalf of the SGB between its meetings. The SGB EC is bound by the SGB's actions and the SGB may override any decision of the SGB EC. The SGB EC is made up of the following positions which were approved following the review and approval of the restructuring task force recommendations:

SGB Chair - Serves as SGB EC Chair, one of the four SIG Representatives on ACM Council, and as the SIG Representative on the ACM Executive Committee. Also responsible for SIG financial and budgetary issues and overseeing SGB committees and task forces.

SGB EC Vice Chair for Operations – Presides over SGB and SGB EC Meetings, including SGB EC conference calls. Oversees SIG Liaisons to ACM Committees and Boards.

SIG Development Advisor –. Identifies emerging technical areas and works with individuals and groups interested in forming SIGs.

SGB Conference Advisor – Oversees developing conference activity to be sponsored by the SGB.

New SIG Advisor – Acts as liaison for newly chartered SIGs and helps to nurture and support new SIG leadership as they develop programs and activities.

SIG Viability Advisor – Oversees transitional SIGs and works with SIGS scheduled for program reviews. Also acts as the SIG election liaison.

SIG Awards Advisor -. Acts as liaison for SIG leaders and Awards Committee and helps SIG leadership with proposals and approval process.

Publications Advisor – Acts as liaison between SGB and Publications Board and oversees issues related to publications as directed by the SGB

SGB Past Chair- Provides guidance and advice to the SGB EC and chairs the SGB EC nominating committee.

Director of SIG Services – Staff liaison

During FY'14 the following individuals held the positions indicated:

Name	Position	Term End
Erik Altman	Chair	July 1, 2014
Vicki Hanson	Past Chair	July 1, 2014
Will Tracz	SIG Viability Advisor	July 1, 2015
Pradip Bose	SIG Development Advisor	July 1, 2015
Renee McCauley	New SIG Advisor	July 1, 2015

Patrick H. Madden	SGB EC Vice Chair for Operations	July 1, 2014
Yannis Ionnidis	SGB Conference Advisor	July 1, 2014
Elisa Bertino	SIG Awards Advisor	July 1, 2014
Patrick H. Madden	Publications Advisor	July 1, 2014
Donna Cappo	Staff Liaison	

1.3 Council Representatives

The SGB elects 3 representatives to the ACM council for two-year terms.

During FY'14 the following individuals held the ACM Council positions indicated:

Name	Position	Term End
Erik Altman	SGB Chair	July 1, 2014
Joseph Konstan	SGB Representative	July 1, 2014
Brent Hailpern	SGB Representative	July 1, 2014
David Wood	SGB Representative	July 1, 2015

1.4 Standing Committees

The SGB is responsible for the oversight of the Federated Computing Research Conference Steering Committee currently chaired by Dean Tullsen. Past Chairs Barbara Ryder and Daniel Menasce also serve on this committee. Rajiv Gupta of UC Riverside was appointed FCRC'2015 Chair and Vivek Sarkar of Rice University was named Plenary Speaker Chair.

1.5 Significant SGB actions

SIG Nurturing Task Force – Patrick Madden provided an update on the decision making process with regard to SIGLOG. After a second review of the proposal, SIGLOG was chartered.

CSTA – The SGB-EC previously contributed \$60,000 in support of a chapter mini-grant program. A CSTA interim committee was formed to establish grant criteria, create a project plan and a communications guideline, and develop an application form. The interim committee completed its work and a new committee was formed to review the applications. Mini-grants will be distributed in two rounds of application submission and review. Chapters will be expected to begin work as soon as the grants are announced.

Newsfeeds – Erik Altman updated on efforts to implement a newsfeed feature for SIGs. A tool has been developed that extracts key words from the Digital Library to keep search terms current over time. Wayne Graves is leading the implementation.

Citizen Science Movement – Simon Harper of SIGWEB introduced the Citizen Science Movement and proposed there might be an opportunity for the SIGs to be more inclusive of amateur scientists of all fields, from Astronomy to Zoology. There was discussion in support of SIGs individually reaching out to amateurs on an individual basis, with some suggestions presented to the group, such as partnering with chapters, using contests and offering special memberships.

SIG Task Force on Full Inclusion – Simon Harper presented on the efforts of the Full Inclusion Task Force. The group's charter includes, review and dissemination of best practices; development of definitions of full inclusion; and identifying technologies and research areas that can help. The group examined constraints found in accessibility and disability, age equality, orientation as a hobbyist or maker, cultural equality and race, economic disadvantage, gender equality and unconventional educational routes. It examined how such constraints might limit people wishing to become members and how ACM can encourage participation and support those that do participate. In its final recommendation, the group found that there are no significant constraints to people wishing to

become members in the context of accessibility and disability. It made several recommendations relating to encouraging SIG participation, including making a website that conforms to Web Accessibility Standards; using appropriate language on SIG websites and in SIG material; providing accessible electronic copies of publicity materials. Other recommendations include creating accessible conferences by conforming to the SIGACCESS Accessible Conference Guide (<http://www.sigaccess.org/welcome-to-sigaccess/resources/accessible-conference-guide/>), asking conference organizers and paper authors to use the appropriate language when writing papers concerning disabled people; and creating accessible Adobe Acrobat/pdf and Word documents, as well as accessible presentations <http://office.microsoft.com/en-gb/frontpage-help/create-an-accessible-office-document-RZ006380094.aspx>

Webinar Program – Will Tracz presented an opportunity from the Professional Development Committee for SIGs to use On24, a webinar service at no-cost for events with less than 1000 attendees. The webinars will be available through open-access in the ACM Professional Development Learning Center (<http://learning.acm.org>). Topics, speaker and moderator selection will be left to the SIG. Schedule and logistics will be coordinated by the ACM Professional Development Webinar chair, Will Tracz.

Publications – Patrick Madden provided an update on the selection and appointment of new EICs as well as a status update on the publishing model changes which were made in 2013. Joe Konstan reported that the Pubs Board is examining the overall Open Access structure and Article Processing Charges.

Task Force on Retiree Policy - Erik Altman delivered an update on a new task force lead by Wolfgang Banzhaf (SIGEVO Chair). The task force has been charged with examining the establishment of a “Retiree Policy” that would give discounts to conferences for longtime members who meet a certain criteria related to age and years of membership.

Task Force on Journals-Conferences – This task force is charged with conducting an in-depth and coherent analysis of the publishing issues surrounding conferences and developing recommendations for fundamental changes to ACM’s conference model and related conference publishing model.

Task Force on ACM SIG Structure – This task force is charged with recommending changes that simplify, strengthen and empower the SIG communities; and addressing how ACM Technical Communities and their activities can achieve greater coherence and maintain more consistent level of quality.

History Committee – On behalf of the History Committee, Erik Altman gave an update on the Archiving Workshop. The goal of the workshop is to gain knowledge of professional archiving policies and practices, traditional as well as digital. The committee hopes to also build a network of ACM members within the US and overseas who are doing archiving projects. The Committee is also involved with selecting a winner for the 2014 History Fellowship Award.

SIG Proposals – SIGLOG was chartered.

1.6 Miscellaneous Appointments

SIG leaders appointed as committee liaisons:

Name	Position	Term End
Joseph A. Konstan	Publications Board Liaison	Jan 1, 2014
Dean Tullsen	FCRC Steering Comm. Chair	July 1, 2015
Tao Xie	History Committee Liaison	July 1, 2015
Emil Volchek	USACM Liaison	July 1, 2013
Jeanna Matthews	USACM Liaison	July 1, 2013
Pradip Bose	Distinguished Speaker Comm Liaison	July 1, 2014

1.7 SGB Nominating Committee

The SGB Nominating Committee nominates candidates for the SGB EC, in addition to nominating candidates for SGB Chair and SGB Representatives to ACM Council. The nominating committee:

Name	Position	Term End
Vicki Hanson	Past SGB Chair	July 1, 2014
Erik Altman	SGB Chair	July 1, 2014
Donna Cappel	Staff Liaison	

2. SIGs and SIG Membership

Appendix A summarizes basic SIG Statistics for FY'14. Included are member and subscriber totals, newsletter and proceedings activity, and conference involvement.

2.1 Membership Counts by class of membership:

	FY'12	FY'13	FY'14
ACM/SIG Members	30,975	30,102	29,234
SIG Only Members	8,147	9,829	9,013
Subscribers	2,090	923	780
Total SIG Memb/Subs	41,212	40,854	39,027
Total ACM Members	108,521	111,176	109,166

The SIGs overall member/subscriber count is 39,027 as compared to 40,854 in FY'13.

2.2 Membership Renewal Rates

Membership renewal rates are indicators of several realities, including 1) the degree to which members are satisfied with the services they are receiving as a result of membership and 2) the rate at which individuals are leaving the technical specialty.

DA	83.68	MM	42.52
ADA	80.08	APP	51.74
MICRO	79.08	GRAPH	52.47
ITE	78.46	DOC	53.54

3. New SIG Formation and Dissolution

SIGLOG was chartered.

SIGACT was renamed SIGAI.

4. SIG Program Reviews and Annual Reports

4.1 Program Reviews

Every 4 years the SIG Chairs are required to provide a short presentation including a question and answer period during the SIG Chairs meeting. This presentation is intended to show that the SIG is viable and meeting its mission. The endorsement from the SGB to continue the SIG's status is based on a growing or stable membership, solid finances, healthy conferences, and publications or other member benefits being delivered and well received by members.

The SGB conducted 11 full program reviews during the year. SIGACCESS, SIGACT, SIGAPP, SIGCSE,

SIGDA, SIGOPS, SIGSOFT, and SIGWEB were deemed viable for 4 years under existing criteria.

SIGUCCS was deemed viable for the next 2 years with the understanding that leadership prepare a set of plans and activities along with a redefined mission to present to the SGB EC in 1 year. Will Tracz will mentor and work with leadership.

SIGAda was deemed viable for the next 2 years. In 1 year, SIGAda leadership is expected to report to the SGB EC on its plans for the future. The plan may include becoming a sub-unit of an existing SIG or completely de-chartering. Will Tracz will mentor and work with leadership.

SIGCAS was deemed viable for the next (1) year. After a year, SIGCAS leadership is expected to bring the newsletter up to date, develop a prepared set of plans and activities to include a social media presence and present to the SGB-EC. If the newsletter is not brought up to date at the time of the next viability review, the SIG will be automatically placed in transition. Will Tracz will mentor and work with leadership.

In addition, SIGBio was congratulated on its transitional program performance and found viable to move out of initial transitional status. SIGBio was granted full SIG status for the next 4 years.

A proposal was made to charter SIGLOG. SIG status was given contingent upon the submission of a petition, and the preparation of bylaws, a budget, and a statement of member benefits.

4.2 Annual Reports

5.0 SIG Technical Highlights

The strength of the SIGs lies in their technical excellence. Once again we have seen a continued growth in conferences, improvements in publications, innovations in many areas, expansion of the awards program, increased attention to educational activities and increased cooperative efforts among the SIGs. The following excerpts from the FY'14 SIG Annual Reports detail only some of the outstanding activities going on in the SIG Community. I urge you to review the individual SIG Annual reports, which can be found in Appendix D.

5.1 Electronic Community

SIGACCESS supported a workshop held in conjunction with ECRC in May 2013 in Paris, titled Towards an Inclusive Europe: Reflections on the Digital Agenda for eAccessibility. It attracted participants from numerous countries and featured a presentation by ACM President Vint Cerf. The purpose of the workshop was to consider what progress has been made towards the eAccessibility aspirations in Europe and propose ways in which European stakeholders can push the digital agenda for eAccessibility further forward.

SIGHPC hosted two webinars. Bill Gropp's "Changing How Programmers Think about Parallel Programming" broke all previous ACM record for attendance (826 live attendees, with 938 on-demand attendees later). Mark Ebersole's "Achieve Massively Parallel Acceleration with GPUs" was almost as successful (over 750 people attended live). SIGHPC also chartered the first ACM "virtual chapter" which focuses on education.

5.2 Publications

Near the end of FY2014, SIGGRAPH's Communications Committee launched a new, responsive version of the ACM SIGGRAPH Interactions newsletter. The updated newsletter is clean, visually appealing, and in alignment with the color scheme and design for the new website.

SIGLOG began the publication of its newsletter called SIGLOG news (SIGLOG was newly chartered as a provisional SIG in April, 2014.)

SIGMOBILE has introduced an epub format for making content more easily accessible using popular mobile devices. MobiSys 2014 provided epub files for all accepted papers and made them available to attendees via the conference website. These files were added to the ACM Digital Library as well.

5.3 Technical Meetings

In September, 2013, SIGBio held its fourth ACM International Conference on Bioinformatics, Computational Biology, and Biomedical Informatics (ACM BCB) in Washington DC. It had 276 attendees, 148 paper submissions, 43 regular papers and 28 short papers accepted. The conference was preceded by 7 international workshops on emerging topics of bioinformatics, systems biology, and biomedical informatics, and by 5 tutorials.

SIGCOMM's flagship conference (SIGCOMM 13) was held in Hong Kong in August 2013. The conference was very successful with a record high attendance of 777 participants, strong fundraising, and a large overall surplus that helped the SIG maintain its exceptionally strong financial position.

SIGGRAPH 2013 welcomed 17,162 artists, research scientists, gaming experts and developers, filmmakers, students and academics from 77 countries to Anaheim, California. 180 industry organizations exhibited and a total of 15 countries were represented on the show floor. More than 1,354 speakers and contributors participated in the conference through a variety of talks, sessions, panels, papers, presentations, tutorials, and screenings.

KDD 2013 was held in Chicago in August 2013. It was preceded by an extra day for the Big Data Camp, as well as a day for Workshops and Tutorials. The conference attracted a total of 1176 registrants, an all-time high representing a 16% growth over KDD-2012. It included 4 world-class keynote speakers: Raghu Ramakrishnan, Technical Fellow and CTO Information Services, Microsoft; Andrew Ng, Stanford University and Coursera; Stephen J. Wright, Computer Sciences Dept., University of Wisconsin-Madison and Hal Varian, Chief Economist at Google.

ACM SIGMETRICS'14 was held in University of Texas at Austin in June 2014. Approximately 160 people attended the main conference and its related tutorials and workshops, which lasted five days. SIGMETRICS 2014 received 237 submissions, the second highest number since the founding of this SIG. 40 papers were accepted, the largest in the history of the conference, with an acceptance rate of 16.8%.

ACM SIGSPATIAL GIS 2013 was held in Orlando. There were 229 paper submissions over three tracks with a technical program that lasted for two and half days. The conference attracted 322 attendees, close to a 100% increase from when SIGSPATIAL started.

5.4 Professional Recognition/Awards

<u>Sponsors</u>	<u>Award</u>	<u>Awardee</u>
ACCESS	SIGACCESS Best Paper Award	Kotaro Hara, Shiri Azenkot, Megan Campbell, Cynthia L. Bennett, Vicki Le, Sean Pannella, Robert Moore, Kelly Minckler, Rochelle H. Ng, and Jon E. Froehlich.
	SIGACCESS Best Student Paper Award	Kathrin M. Gerling, Regan L. Mandryk, and Michael R. Kalyn
	SIGACCESS Paper Impact Award	Chieko Asakawa and Takashi Itoh
ACT	Distinguished Service Prize	Lance Fortnow
	Godel Prize (with EATCS)	Ronald Fagin, Amnon Lotem, and Moni Naor
	Danny Lewin Best Student Paper Award	Paul F. Christiano
	Edsger W. Dijkstra Prize in Distributed Computing (with SIGOPS)	Kanianthra Mani Chandy and Leslie Lamport
	Knuth Prize	Richard Lipton
Ada	SIGAda Outstanding Ada Community Contribution	Mordechai "Moti" Ben Ari and Jorge Real
AI	Autonomous Agents Research Award	Michael Wellman
ARCH	Eckert-Mauchly Award (co-sponsored with IEEE CS)	Trevor Mudge
	Maurice Wilkes Award	Ravi Rajwar
	Distinguished Service Award	Doug DeGroot
	Influential ISCA Paper	Seth Copen Goldstein, Herman Schmit, Matthew Moe, Mihai Budiu, Srihari Cadambi, R. Reed Taylor, and Ronald Laufer
	ASPLOS Influential Paper	Gookwon Edward Suh, Jae W. Lee, David Zhang, and Srinivas Devadas
APP	SIGAPP Distinguished Service Award	Chih-Cheng Hung

BED	SIGBED-EMSOFT Best Paper Award	Parasara Duggirala and Ashish Tiwari
BIO	Best Paper Best Student Paper	Michael Dejesus and Thomas Ioerger Noah Daniels, Andrew Gallant, Norman Ramsey and Lenore Cowen
CAS	SIGCAS Outstanding Service Award	Netiva Caftori
CHI	CHI Lifetime Practice Award CHI Lifetime Research Award CHI Lifetime Service Award CHI Social Impact Award CHI Academy	Gillian Crampton Smith Steve Whittaker Wendy Mackay, Tom Hewett Richard E. Ladner John C. Tang, Jeff A. Johnson, Susan Dray, Jodi L. Forlizzi, Keith Edwards, Ken Hinckley, Richard H. R. Harper, Gary Marsden
COMM	SIGCOMM Lifetime Achievement Award SIGCOMM Rising Star Award SIGCOMM Test-of-Time Paper Award SIGCOMM Best PhD Thesis Award	George Varghese Sachin Katti Dina Katabi, Mark Handley, and Charlie Rohrs Neil Spring, Ratul Mahajan, and David Wetherall Aaron Schulman
CSE	SIGCSE Award for Outstanding Contributions to Computer Science Education The SIGCSE Lifetime Service Award	Robert Panoff Andrea Lawrence
DA	ACM Outstanding Ph.D. Dissertation Award in EDA SIGDA Outstanding New Faculty Award ACM/IEEE A. R. Newton Award	Wangyang Zhang Yiran Chen Subhasish Mitra, Kee Sup Kim

	ACM SIGDA/IEEE CEDA William J. McCalla ICCAD Best Paper Award	Stephan Eggersglüß, Robert Wille, and Rolf Drechsler
eCOM	SIGeCOM Best Paper SIGeCOM Best Student Paper SIGeCOM Doctoral Dissertation Award	P. Frazier, D. Kempe, J. Kleinberg and R. Kleinberg A. Procaccia and J. Wang Balasubramanian Siva
EVO	SIGEVO GECCO Impact Paper Award	Zhou Ji and Dipankar Dasgupta
GRAPH	SIGGRAPH Computer Graphics Achievement Award SIGGRAPH Significant New Researcher Award SIGGRAPH Distinguished Artist Award for Lifetime Achievement in Digital Art SIGGRAPH Outstanding Service Award	Holly Rushmeier Niloy Mitra Manfred Mohr Mary Whitton
IR	SIGIR Best Paper Award SIGIR Best Student Paper Award Vannevar Bush Award (with SIGWEB)	Ryen W. White Karthik Raman Kazunari Sugiyama and Min-Yen Kan
KDD	SIGKDD Distinguished Dissertation Award SIGKDD Innovation Award SIGKDD Service Award	Yizhou Sun Jon Kleinberg Gabor Melli
METRICS	SIGMETRICS Achievement Award SIGMETRICS Rising Star Researcher Award Kenneth C. Sevcik Outstanding Student Paper Award SIGMETRICS Test-of-Time Paper Award	François Baccelli Florian Simatos Nicolas Viennot, Edward Garcia, and Jason Nieh Stephen Blackburn, Perry Cheng, and Kathryn McKinley
MIS	Magid Igarria Outstanding Conference Paper Award	Deborah Armstrong and Cindy Riemenschneider

SIGMOBILE	<p>SIGMOBILE Outstanding Contributions Award</p> <p>MobiSys Best Paper Award</p> <p>MobiCom Best Paper Award</p> <p>MobiHoc Best Paper Award</p>	<p>Victor Bahl</p> <p>Ardalan Amiri Sani, Kevin Boos, Min Hong Yun, and Lin Zhong</p> <p>Jie Liu, Gerald DeJean, Bodhi Priyantha, Yuzhe Jin, and Ted Hart</p> <p>Qifan Pu, Sidhant Gupta, Shyamnath Gollakota, and Shwetak Patel</p> <p>Melissa Duarte, Siddhartha Brahma, Ayan Sengupta, Christina Fragouli, and Suhas Diggavi</p>
MM	<p>SIGMM Award for Outstanding Technical Contributions</p> <p>SIGMM Award for Outstanding PhD Thesis</p>	<p>Dick Bulterman</p> <p>Xirong Li</p>
MOD	<p>SIGMOD Contributions Award</p> <p>SIGMOD Edgar F. Codd Innovations Award</p> <p>Alberto Mendelzon Test of Time Award</p> <p>SIGMOD Jim Gray Doctoral Dissertation Award</p> <p>SIGMOD Test of Time Award</p>	<p>Kyu-Young Whang</p> <p>Martin Kersten</p> <p>Ronald Fagin, Phokoin Kolaitis, Lucian Popa, and Wang-Chiew</p> <p>Claudio Gutiérrez, Carlos Hurtado, and Alberto Mendelzon.</p> <p>Aditya Parameswaran and Andrew Pavlo</p> <p>Rakesh Agrawal, Jerry Kiernan, Ramakrishnan Srikant, and Yirong Xu</p>
OPS	<p>Mark Weiser Award</p> <p>SIGOPS Hall of Fame Award</p>	<p>Stephan Savage</p> <p>Daniel G. Bobrow, Jerry D. Burchfiel, Daniel L. Murphy and Raymond S. Tomlinson; Joel Bartlett; K. Mani Chandy and Leslie Lamport; Kenneth P. Birman and Thomas A. Joseph; Eddie Kohler, Robert Morris, Benjie</p> <p>Chen, John Jannotti and Frans Kaashoek</p>

	Edsger W. Dijkstra Prize in Distributed Computing ASPLOS Influential Paper Award Dennis M. Ritchie Award	Nati Linial Gookwon Edward Suh, Jae W. Lee, David Zhang, and Srinivas Devadas Mona Attariyan
PLAN	ACM SIGPLAN PL Achievement Award SIGPLAN Distinguished Service Award SIGPLAN PL Software Award John C. Reynolds Doctoral Dissertation Award SIGPLAN Robin Milner Young Researcher Award Vlissides Award Most Influential ICFP Paper Award Most Influential OOPSLA Paper Award Most Influential POPL Paper Award Most Influential PLDI Paper Award ASPLOS Influential Paper Award	Neil D. Jones Simon Peyton Jones GNU Compiler Collection (GCC) Aaron Turon Sumit Gulwani Zalia Shams Ralf Lammel and Simon Peyton Jones Tim Harris and Keir Fraser Thomas Henzinger, Ranjit Jhala, Rupak Majumdar, and Kenneth McMillan Maged M. Michael Gookwon Edward Suh, Jae W. Lee, David Zhang, and Srinivas Devadas
SAC	SIGSAC Outstanding Contribution Award SIGSAC Outstanding Innovation Award	Peter G. Neumann Whitfield Diffie
SAM	ISSAC Distinguished Paper Prize ISSAC Distinguished Student Author Prize	Francois Le Gall Shiyun Yang; Carlos Arreche
SIM	Distinguished Contribution Award	Richard Fujimoto
SOFT	ACM SIGSOFT Distinguished Service Award Outstanding Research Award SIGSOFT Impact Paper Award SIGSOFT Influential Educator Award	Leon J. Osterweil Alexander L. Wolf Barbara A. Kitchenham, Tore Dybå, Magne Jørgensen Mary Lou Soffa

	SIGSOFT Outstanding Doctoral Dissertation Award	Jeff Huang
UCCS	Penny Crane Award for Distinguished Service	Terris Wolff
WEB	Vannevar Bush Award (with SIGIR)	Kazunari Sugiyama and Min-Yen Kan
	Douglas C. Engelbart Award	David Millard, Charlie Hargood, Michael Jewell, and Mark Weal
	Theodor Holm Nelson Award	Dominic Rout, Daniel Preotiuc-Pietro, Kalina Bontcheva, and Trevor Cohn
	DocEng Best Paper Award	Thanh-Ha Do, Salvatore Tabbone, and Oriol Ramos Terrade

5.5 Educational Programs and Special Projects

SIGAI co-sponsored with AAAI the 2014 SIGAI/AAAI Doctoral Consortium, which is held each year during the AAAI conference. It provides an opportunity for Ph.D. students to discuss in depth their research interests and career objectives with the other participants and a group of established AI researchers that act as individual mentors. Presentations and discussions take place over two days of intense meetings prior to the AAAI conference.

SIGCSE coordinated efforts with the first ACM Learning at Scale Conference to help springboard that conference, which was held two days before the SIGCSE Symposium 2014. Due to its success it will be held again in March 2015. SIGCSE also funded a New Educator's Workshop for ten participants the day before the Symposium. The Workshop featured six speakers presenting on both teaching tips and how to succeed in such careers. SIGCSE plans to run this workshop every other year.

SIGITE members, led by Bill Paterson of Mount Royal University, contributed to a preliminary study by the ACM Ed Council to gauge the extent to which the 2008 IT Curriculum Guidelines were in need of revision. Other SIGITE members will participate in drafting revisions for 2016.

SIGPLAN held the 2014 Programming Languages Mentoring Workshop (PLMW) immediately before the 41st edition of POPL, in San Diego this past January. The goal of PLMW is to introduce newcomers (mainly young PhD students, along with some MSc and undergraduate students) to the field of programming language theory and formal verification, with a particular emphasis on women and under-represented minorities.

SIGSIM began funding travel for PhD students to both the Winter Simulation Conference (WSC) and its flagship ACM SIGSIM-PADS Conference.

The SIGSOFT Webinar Series was instituted this year. It is open to the general software engineering community. Webinars will be based on the Future of Software Engineering Track at ICSE 2014.

SIGUCCS established a mentoring program in 2013. This program allows members of the SIGUCCS community to both be mentored and to mentor their colleagues. In the program's second year, 42 people applied and 21 pairs of mentors/mentees were matched. This is a 61% increase in participation from the first year of the program.

5.6 International Activities

The 29th Annual edition of SAC has marked another successful event for SIGAPP of the Symposium on Applied Computing. This international gathering attracted over 411 attendees from over 50 countries. It was hosted and held on the campus of Dongguk University, Gyeongju, Korea, in March 2014.

SIGARCH, with the encouragement of ACM, has begun exploring the creation of a European SIGARCH, Chapter. Goals of a European SIGARCH Chapter include: promote student research and education activities to make the computer architecture community grow long term; promote networking events; offer conferences, workshops and summer schools. It also aims to promote collaboration with other SIGs (e.g. SIGPLAN, SIGOPS, SIGBED) within Europe as well as globally. Still in its early stages, the hope is to emulate a successful Chapter in other regions, especially India, China, and South Korea.

SIGCHI created a series Regional Workshops to help HCI communities in Asia, Latin America, and Africa become better involved in the SIGCHI community. SIGCHI sponsors selected local events including speaker exchanges, professional development, student competitions, community connecting activities and various mentoring efforts, and local meetings aimed at growing the community. For example, the annual flagship CHI conference will be held in Korea in 2015. To better prepare local communities, SIGCHI sponsored various activities in 2014 in China, Indonesia-Maylaysia and India.

ACM SIGDA encouraged EDA community leaders to set up local chapters from Asian countries, and this year, six SIGDA local chapters were successfully established. Chapter leaders attended the 2014 SIGDA Volunteer meeting at Design Automation Conference and shared their first-year experiences. The new chapters are: ACM SIGDA Hong Kong Chapter, ACM SIGDA Korea Chapter, ACM SIGDA Northern China Chapter, ACM SIGDA Singapore Chapter, ACM SIGDA Southern China Chapter and ACM SIGDA Taiwan Chapter.

GECCO 2013 was held in Amsterdam at the Free University of Amsterdam outside of the city center. It was very successful, receiving almost 570 submissions and having an attendance of 523 individuals.

Through its "Friends" program, SIGIR offered a limited amount of funding (up to \$5,000) to a number of events, including European Conference on Information Retrieval held in Amsterdam, the Australasian Document Computer Symposium held in Brisbane, Australian and the MediaEval Benchmarking Initiative for Multimedia Evaluation Workshop which took place in Barcelona, Spain.

SIGMICRO's Computing Frontiers Conference (CF 2014) was held again in Cagliari Italy in May 2014. Keynotes were given by Bruce Jacob, University of Maryland; Gabriel Loh, AMD Corp. and David Bailey, University of California, Davis.

The SIGMIS CPR Conference was held in Singapore in May 2014. Among its activities were an Industry Panel, a Journal Editor's Panel and the SIGMIS Computers and People Doctoral Consortium.

The 4th ACM international conference on Multimedia Retrieval sponsored by SIGMM took place in Glasgow during April 2014.. Based on the Chinese Computing Federation Conference Ranking (2013), ACM ICMR is the 1st ranked Multimedia Retrieval conference in the world and the 4th ranked conference in the category of multimedia and graphics. This year, it also attracted the largest number of attendants in its history.

SIGSAC's ACM Conference on Computer and Communications Security (CCS 2013) was held in Berlin, Germany. This edition received more than 560 submissions – the highest number of submissions ever received by a CCS edition. In addition, over 700 attendees participated in the conference, justifying the decision to hold CCS in Europe.

The 14th International Symposium on Symbolic and Algebraic Computation (ISSAC) was sponsored by SIGSAM in Kobe, Japan. Awards were given for Distinguished Paper and Distinguished Student Author.

The 25th ACM Conference on Hypertext and Social Media will be held in Santiago Chile. HT 2014 is the first SIGWEB conference where attendees can apply for childcare support.

5.7 Collaborative Efforts

This year SIGACT co-sponsored a three-day workshop, Women in Theory (WIT), together with NSF, Princeton, Google and IBM. It was held in New York City immediately prior to STOC, SIGACT's flagship conference, and brought together 60 women graduate and undergraduate students interested in theoretical computer science. The workshop featured technical talks and tutorials by senior and junior women in the field, as well as social events and activities.

A formal liaison exists between SIGAda and the International Organization for Standardization (ISO) WG9, the body responsible for the maintenance and evolution of the Ada International Standard. At least one SIGAda Officer represents the membership at the WG9 meetings held twice each year. Other representatives are from Belgium, Canada, France, Germany, Italy, Japan, Switzerland and the United Kingdom.

SIGCAS has been supporting the movement to promote "The Pledge of the Computing Professional". It has been welcomed by the leaders of the Pledge committee as a key element of its steady growth and initial success both within ACM and in universities around the US.

In 2013, SIGDOC began working with the Council for Programs in Technical and Scientific Communication (CPTSC) to explore opportunities for the two organizations to forge effective partnerships through each organization's annual conference activities. Members of SIGDOC participated in a SIGDOC panel session at CPTSC's 2013 annual conference and other collaborations are planned for 2014 and 2015.

SIGecom sponsored the Fifteenth ACM Conference on Electronic Commerce (EC'14) June 8-12, 2014 in Palo Alto, CA. In order to serve as a hub for the growing number of researchers and venues at the intersection of computer science and economics, a notable feature of this year's conference was collaboration with the NBER Market Design conference and the NSF Decentralization conference. Both draw attendees from microeconomic theory and find a lot of synergy with many of the problems studied by the SIGecom community.

SIGMOD continues to be in close collaboration with its sister societies, such as VLDB Endowment, IEEE TCDE, EDBT Association, and ICDT Council. SIGMOD has a series of joint activities with VLDB, i.e., the Summer Schools and the Traveling Speakers Program, the inclusion of VLDB material in the ACM DL, and others.