

SIGPLAN Open Meeting

June 17, 2009

Kathleen Fisher
SIGPLAN Chair

Thursday, June 18, 2009

SIGPLAN Officers

- * Chair: Kathleen Fisher, AT&T
- * Vice Chair: Chandra Krintz, UCSB
- * Past Chair: Jack Davidson, Univ. Virginia
- * Secretary: Eliot Moss, UMass
- * Treasurer: Cristina Cifuentes, Sun Australia
- * Members at large:
 - * Koen DeBosschere, U Ghent. (PAC co-chair)
 - * Greg Morrisett, Harvard
 - * Steve Zdancewic, UPenn
 - * Ben Zorn, Microsoft (PAC co-chair, CACM NC chair)

New officers
July 1st!

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Bylaw Changes

- * Changed EC terms from 2 to 3 years:
 - * More efficient: EC members felt they had just figured out how to do their jobs when their terms were up.
 - * Enable more innovation: 3 years long enough to take on longer-term projects.
- * Added another member at large
- * Take on award portfolio

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Direct Member Benefits

- * Reduced registration rates at SIGPLAN conferences
- * Access to SIGPLAN materials in the ACM DL
- * Subscription to SIGPLAN Notices (electronic or print)
- * Annual CD with proceedings of SIGPLAN conferences/Notices
- * Email newsletter with announcements of SIGPLAN events
- * Eligibility for PAC grants (students, travel companions, int'l)
- * Voting rights in SIGPLAN Elections
- * Eligibility to serve as a SIGPLAN Officer

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Community Benefits

- * Conference sponsorship
 - * ASPLOS, C&Q, GPCE, Haskell, ICFP, ISMM, LCTES, OOPSLA, PLDI, POPL, PPDP, PPOPP, VEE, and many workshops.
- * Awards
 - * Lifetime Achievement, Service, Best PL Thesis, John Vlissides Award, Most Influential Paper for ICFP, OOPSLA, PLDI, and POPL
- * Latex and Microsoft word templates for conference papers
- * SIGPLAN Web Site
- * Support for PL-related summer schools
- * Support for Educators to attend SIGPLAN conferences

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Membership Fees

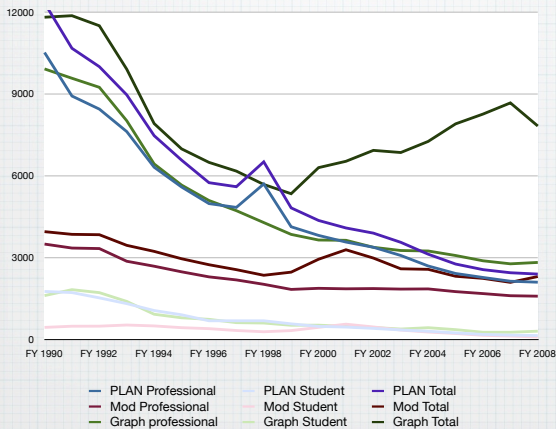
Fiscal Year '09	Print	Online
Professional	\$65	\$25
Student	\$40	\$15
Actual cost of direct benefits	\$86	\$24

Unchanged from last year.

Direct benefits include: newsletters, mailed proceedings, annual CD, reduced registration rates, but not awards, summer schools, PAC funding, etc.

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Membership Numbers



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Awards

<http://www.sigplan.org/awards>

- * PL Achievement: **Rod Burstall**
- * Distinguished Service: **Mamdouh Ibrahim**
- * 2008 Dissertation: **Michael Bond** and **Viktor Vafeiadis**
- * Most Influential Paper from 10 years previously: **ICFP, OOPSLA, PLDI, POPL**
- * John Vlissides Award: **Ciera Jaspan**
- * Newly created **Ken Kennedy Award**: The ACM - IEEE CS Ken Kennedy Award ... recognizes substantial contributions to programmability and productivity in computing and substantial community service or mentoring contributions.
- * PL Software Systems Award in the works.

Nominations for 2010 Awards due Jan 5, 2010.

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SIGPLAN Finances

Cristina Cifuentes
Treasurer
Sun Microsystems Laboratories

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SIGPLAN Finances

		FY10 Budget	FY09 Budget	FY09 April Actual	FY08 Actual
Revenue	Conference	1,296,242	1,436,104	957,260	1,724,174
	Non-conference	278,156	300,319	261,226	335,716
	Digital library	96,354	94,525		106,548
Total revenue		1,574,398	1,736,423	1,218,486	2,059,891
Expenses	Conference	1,227,151	1,394,505	994,306	1,435,325
	Non-conference	453,180	469,243	211,207	474,328
Total expenses		1,680,331	1,863,748	1,205,513	1,909,653
Net		-105,933	-127,325	12,973	150,238
Fund balance		2,165,799	2,271,732	2,412,030	2,399,057
Fund bal req'd		703,946	785,269	785,269	757,990

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Vice Chair: Chandra Krintz

- Oversees organization of meetings:
22 conferences and 23 workshops this year.
 - Conference location selection
 - General and program chair selection
 - Program committee selection
 - Budget approval
 - Resource for program and general chairs
- Repository for common knowledge.
- Coordinates approval for new meetings.

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Conferences/Symposia	Workshops	"In cooperation"
ASPLOS (SigARCH, SigOPS)	CUFP	ACL2
CGO (SigMICRO, IEEE)	DAMP	AOSD
DLS	Erlang	BoostCon
GPCE	FDPE	ECOOP
Haskell	FOOL	ICSE
ICFP	HIW	ILC
ISMM	ML	ISSTA
LCTES (SigBED)	PASTE	LDTA
OOPSLA	PEPM	LISPS0
PLDI	PLAN-X	MASPLAS
POPL (SIGACT)	PLAS	PADL
PPoPP	PLPV	PPDP
VEE (SIGOPS, USENIX)	Scheme	PPPJ
	Space	VMCAI
	Transact	
	WGP	
	WikiSym	
	WMM	

Conferences in **bold** have more than 100 participants.

Co-located meetings share color-coding.

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Health of Major Conferences

- The last year has been very challenging economically
 - Has impacted all conferences negatively, in some subset of ways:
 - Corporate sponsorship down
 - Submissions down
 - Registration/Income down
 - Significant SIGPLAN losses
- OOPSLA
 - Broadening event, Changing the brand: 2010 = SPLASH!
 - Technical program retains the OOPSLA brand
 - Incrementally introducing partnership with SIGSOFT
 - Budgeting for a smaller event to manage losses, cutting costs

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PLDI Statistics

PLDI	Attendance	Submitted	Accepted	Location
2009	219	196	41	Dublin
2008	244	184	34	Tucson
2007	334	178	45	San Diego (FCRC)
2006	307	174	36	Ottawa
2005	293	137	28	Chicago
2004	246	127	25	Washington
2003	347	131	28	San Diego (FCRC)
2002	235	169	28	Berlin
2001	311	144	30	Snowbird

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POPL Statistics

POPL	Attendance	Submitted	Accepted	Location
2009	240	160	36	Savannah
2008	318	212	35	San Francisco
2007	250	200	36	Nice, France
2006	264	167	33	Charleston
2005	212	172	31	Long Beach
2004	202	176	29	Venice
2003	182	126	24	New Orleans
2002	219	128	28	Portland

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ICFP Statistics

ICFP	Attendance	Submitted	Accepted	Location
2008	217	99	35	Victoria Canada
2007	160	119	32	Freiburg Germany
2006	300	76	24	Portland
2005	187	87	26	Estonia
2004	167	80	21	Snow Bird
2003	153	99	23	Uppsala
2002	195	76	24	Pittsburgh
2001	167	66	18	Florence

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OOPSLA Statistics

OOPSLA	Attendance	Submitted	Accepted	Location
2008	751	117	33	Nashville
2007	1225	156	33	Montreal
2006	1178	157	27	Portland
2005	1081	142	29	San Diego
2004	1172	173	27	Vancouver
2003	948	147	26	Anaheim
2002	1601	125	25	Seattle
2001	1236	145	27	Tampa (9/11 & Anthrax)

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Proposing a new workshop

- Simple process, particularly if co-locating with an existing conference.
- Proposals (page or two of ASCII) should include:
 - Topic/rational for meeting
 - Dates, location
 - Organizing committee
 - Content selection process
 - Proceeding plans
- Instructions on-line:
http://www.acm.org/sigs/sigplan/sigplan_workshop_proposal.htm

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Help for Meeting Organizers

- Program chair support

- <http://www.sigplan.org/programchairs.htm>
- Program committee formation, plagiarism policy, CFP/web site help, submission software (START), PC meeting suggestions, list of responsibilities

- General chair support

- <http://www.sigplan.org/guidelinesforthechair.htm>
- Locations, hotel contracts, ACM approval process, budget formation, publication (DL) and proceedings, list of responsibilities

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Current Issues

- Students
 - Conference attendance increasing (up to 40%)
 - Heavily subsidized registration fees (~30-40% of real cost)
 - Domain-specific mentoring workshops
- Double-blind reviewing
 - Up to the PC Chair; many strongly support its use
- PC members to author submissions
 - PLDI to allow in 2010
 - Higher standard including using an external committee
 - ICFP SC strongly recommends disallowing starting 2010
 - PC chair can choose not to take the recommendation
- Many conferences considering “virtualizing” PC meeting

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CACM Research Highlights Nominating Committee 2009 Update

Ben Zorn
June 2009

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CACM Research Highlights

- CACM new format July 2008
 - Research Highlights have appeared for 1 year now
- Last year SIGPLAN created a committee to recommend SIGPLAN papers for nomination to the CACM
 - Information:
<http://sigplan.org/CACMNominationPolicy.htm>
 - Nominations at:
<http://sigplan.org/CACMPapers.htm>

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RH Nominating Committee

- 10 people representing the various constituencies
 - Member of EC (chair) Ben Zorn
 - SIGPLAN chair Kathleen Fisher
 - Past SIGPLAN chair Jack Davidson
 - POPL delegate Jens Palsberg
 - PLDI delegate Vivek Sarkar
 - OOPSLA delegate David Bacon
 - ICFP delegate Philip Wadler
 - PPDP/GPCE/Haskell delegate Julia Lawall
 - PPOPP/VEE/ISMM delegate Hans Boehm
 - LCTES/ASPLOS/CGO delegate David August
- Terms 2 years (staggered to start)

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Committee Update

- 3 meetings held
 - August 2008
 - November 2009
 - April 2009
- **8 papers nominated**
 - LCTES07, PPOPP06, POPL06 x 2, PLDI07 x 2, PLDI08, POPL09
 - 7 committee nominated, 1 community nominated
- **1 paper has appeared** in CACM Research Highlights
 - Scalable Synchronous Queues (May 2009)
- Additional recommendations to CACM for topics/papers (not Research Highlights)

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Nominated Papers

- [Fault-Tolerant Typed Assembly Language](#)
Frances Perry, Lester Mackey, George A. Reis, Jay Ligattii, David I. August, and David Walker (PLDI 2007)
- [Java Takes Flight: Time-portable Real-time Programming with Exotasks](#)
Joshua Auerbach, David F. Bacon, Daniel T. Ierican, Christoph M. Kirsch, V. T. Rajan, Harald Roeck and Rainer Trummer (LCTES 2007)
- [Scalable synchronous queues](#) (APPEARED May 2009)
Bill Sherer, Doug Lea, and Michael Scott (PPoPP 2006)
- [The next 700 data description languages](#)
Kathleen Fisher, Yitzhak Mandelbaum, and David Walker (POPL 2006)
- [Formal certification of a compiler back-end or: programming a compiler with a proof assistant](#)
Xavier Leroy (POPL 2006)
- [Sound, Complete and Scalable Path-Sensitive Analysis](#)
Isil Dillig, Thomas Dillig, and Alex Aiken (PLDI 2008)
- [Goldilocks: a Race and Transaction-Aware Java Runtime](#)
Tayfun Elmas, Shaz Qadeer, and Serdar Tasiran (PLDI 2007)
- [The Theory of Deadlock Avoidance via Discrete Control](#)
Yin Wang, Stephane Lafortune, Terence Kelly, Manjunath Kudlur, Scott Mahlke (POPL 2009)

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Renewed Call to Action

- Talk to the conference representatives on the committee
- Think about additional candidate papers to nominate
- Submit nominations at:
<http://cacm.elis.ugent.be/>
(also available from the SIGPLAN web page)

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SIGPLAN

"To explore programming language concepts and tools focusing on design, implementation and efficient use."

Professional Activities Committee

PAC Awards

Ben Zorn, Microsoft
Koen De Bosschere, Ghent University

PLDI'09 Open Meeting

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PAC = mobility support

- For students participating in SIGPLAN activities
- For SIGPLAN members
 - experiencing financial hardship
 - needing travel assistance for care takers or children
 - traveling very long distance, living in a poor country
 - child care



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If you are

- a student and
 - presenter or co-author of a paper/student poster on a SIGPLAN event
- and
- do not have the funds to travel

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SIGPLAN PAC can offer you an award that covers

- Student registration
- Travel expenses in economy class
- Shared accommodation
- A free membership to SIGPLAN for one year

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However, we appreciate

- If you keep the costs as low as possible
- If your advisor is a SIGPLAN member
- If your institution shares part of the costs
- If you only request support for one event



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Professional members

- You are a SIGPLAN member
- You want to participate in unique or important SIGPLAN activities (e.g. standards meeting,...)
- You do not have the funds to attend the event



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Companion travel

- If you need a companion to travel because
 - You have a physical disability
 - You are the parent of an infant < 2 year and you cannot travel without the infant
- SIGPLAN can cover the non-shared transportation for the companion (flight, train, ...)



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Child-care travel support

- On-site child care at conferences arranged by the parent
- Travel costs for a companion, specifically for non-shared transportation costs such as airfare.
- Travel costs for children between the ages of two and sixteen.



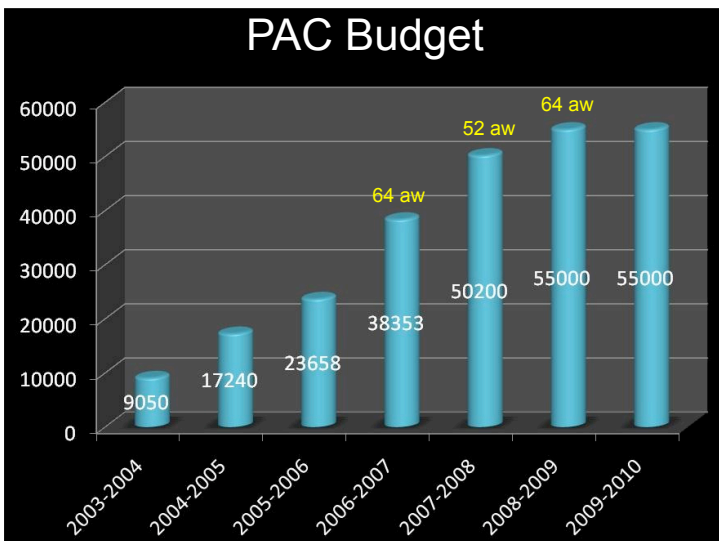
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PAC report 2008-2009

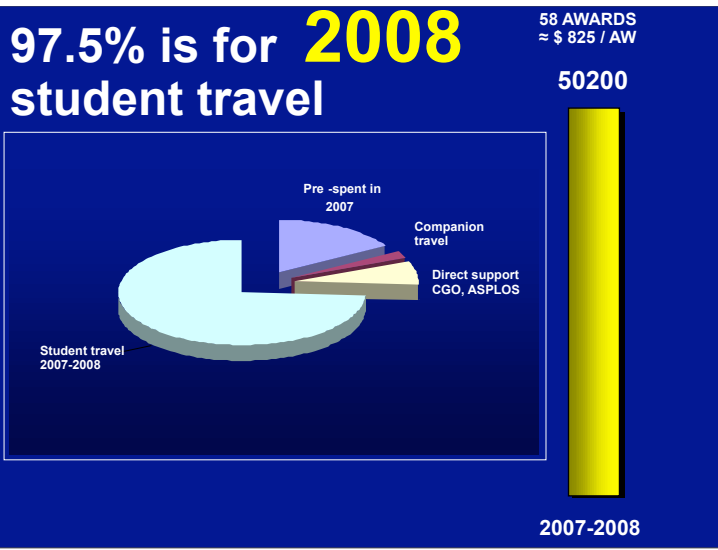


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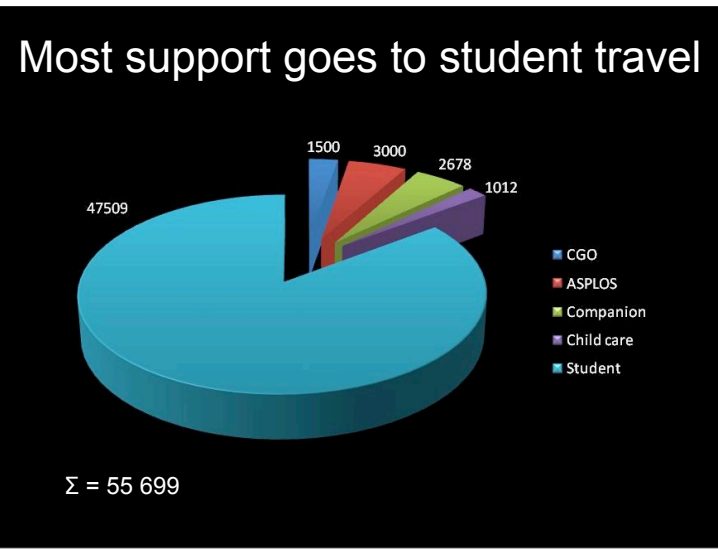
PAC Budget



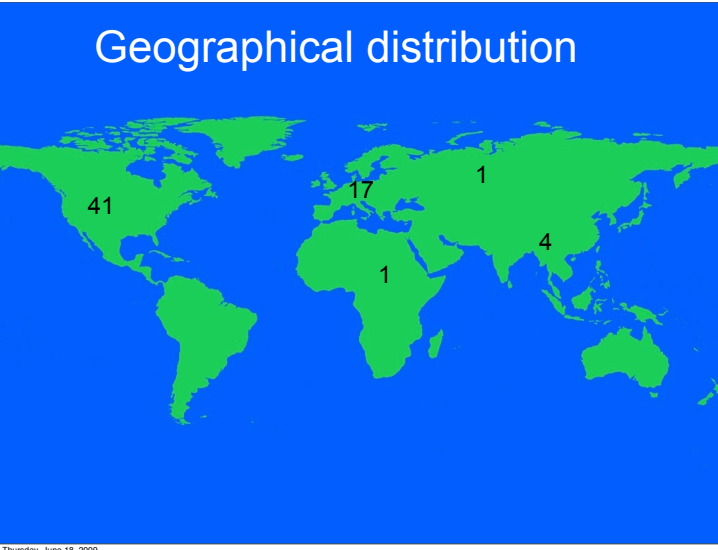
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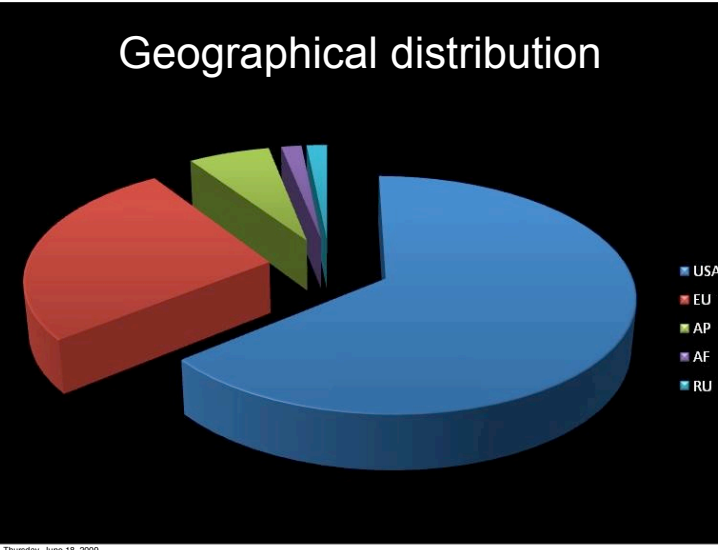
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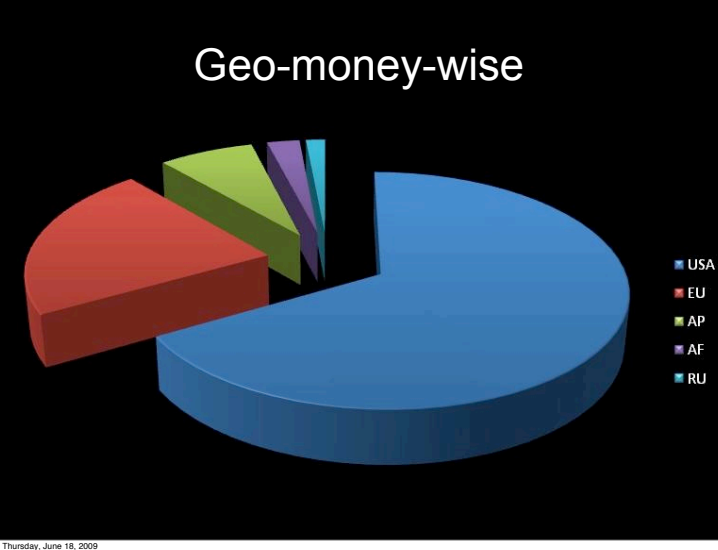
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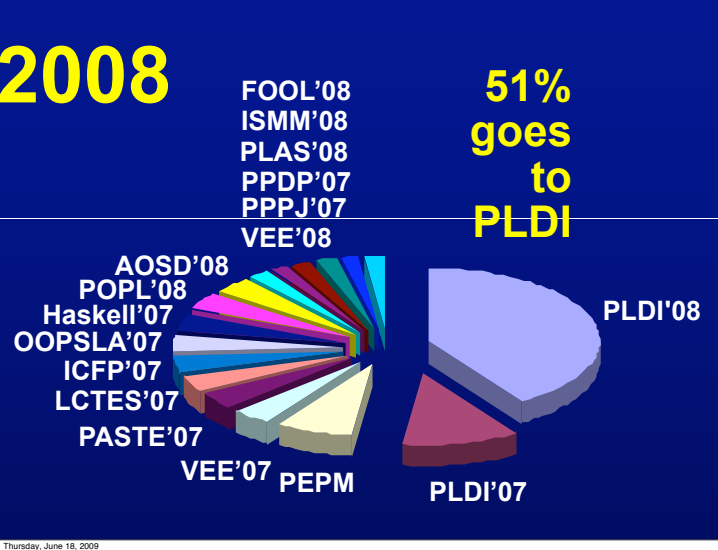
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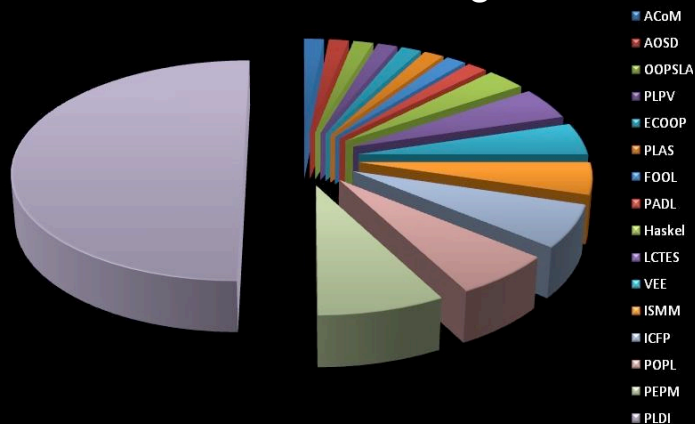


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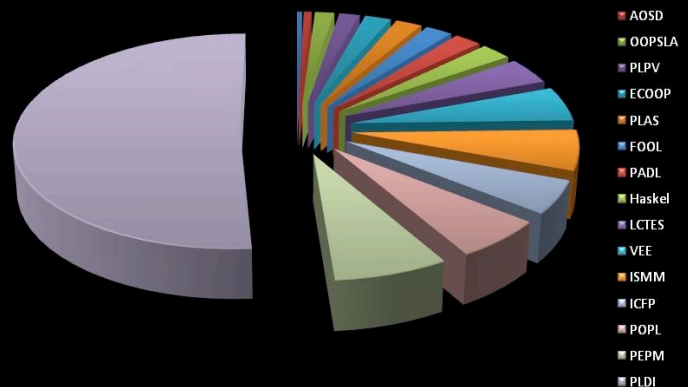
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PLDI takes 50% of grants



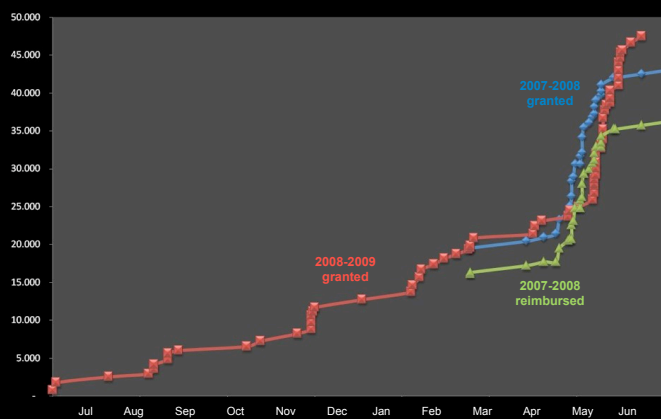
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Money-wise



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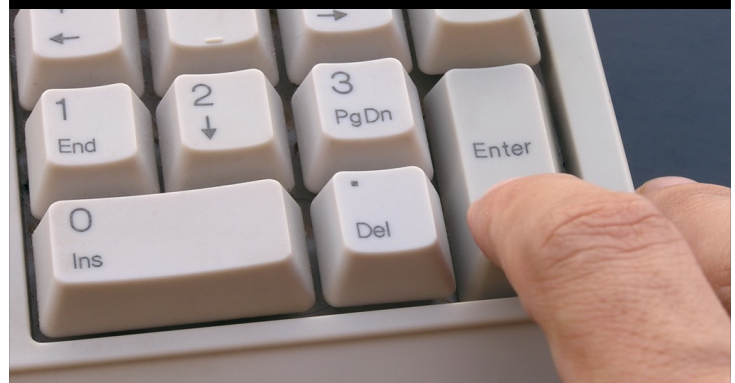
Evolution



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How can you apply?

<http://www.sigplan.org/PAC.htm>



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Charter: SIGPLAN Ed Board

- Create "Why" document for non-PL people.
- Create detailed "How" documents
 - Sample curricula
- Encourage authors to write appropriate texts.
- Create web page to present material and encourage discussion.
- Eventually expand focus from undergraduate courses to graduate courses.
- Encourage inclusion of appropriate PL material in curricula standards.

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Members: SIGPLAN Ed Board

- Kim Bruce (chair), Pomona College
- Kathleen Fisher (ex officio), AT&T
- Kathi Fisler, WPI
- Steve Freund, Williams College
- Dan Grossman, University of Washington
- Matthew Hertz, Canisius College
- Gary Leavens, University of Central Florida
- Andrew Myers, Cornell University
- Larry Snyder, University of Washington

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Comments?
Questions?
Concerns?

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