

SIGPLAN CACM Research Highlights Nomination Proposal

1. Which conferences do you plan to cover? Please list the conferences, the typical number of papers they publish, and their typical date. If you plan to cover non-SIG conferences, we assume that you will obtain their consent for this arrangement.

We will cover all conferences/workshops that have at least 50% SIGPLAN sponsorship and more than 50 attendees. We will also cover CGO and ASPLOS, which are conferences with SIGPLAN sponsorship under 50%.

| Meeting | Number of Papers | Time Frame |
|---------|------------------|-------------------|
| POPL | 30 | January |
| ASPLOS | 30 | March |
| PPoPP | 20 | March |
| CGO | 30 | March |
| PLDI | 30 | June |
| VEE | 20 | March or June |
| LCTES | 25 | June |
| ISMM | 17 | June or October |
| PPDP | 20 | July |
| GPCE | 25 | September/October |
| ICFP | 25 | September/October |
| Haskell | 12 | September/October |
| OOPSLA | 30 | October |

Note that other sponsoring SIGS might separately nominate papers from ASPLOS, LCTES, VEE, CGO, etc.

2. What selection process do you plan to use? We'd like to see the SIGs establishing a standing committee for nominating CACM papers. For small SIGs, this could be an existing committee. Larger SIGs may want to establish a new committee. (If you plan to cover non-SIG conferences, then you need to discuss the selection process with these conferences).

We intend to establish a standing committee to select papers to nominate, comprised of the following people, each serving two year terms:

- a member of the SIGPLAN EC (chair) (may be SIGPLAN Chair)
- SIGPLAN Chair (ex officio member)
- past SIGPLAN Chair (ex officio member to offer continuity)
- a delegate nominated by the POPL steering committee, approved by EC
- a delegate nominated by the PLDI steering committee, approved by EC
- a delegate nominated by the ICFP steering committee, approved by EC
- a delegate nominated by the OOPSLA steering committee, approved by EC
- a member at large appointed by the SIGPLAN EC to cover PPDP, GPCE, Haskell
- a member at large appointed by the SIGPLAN EC to cover PPoPP, VEE, ISMM
- a member at large appointed by the SIGPLAN EC to cover LCTES, ASPLOS, CGO

The initial terms for the PLDI, ICFP, (PPDP, GPCE, Haskell), and (PPoPP, VEE, ISMM) members at large will be for one year so not everyone's term expires at the same time.

As meetings grow (or shrink) in stature, we will periodically review the composition of the committee and respond appropriately, by either adding or dropping a meeting to the portfolio of a member at large or by adding a new meeting delegate. Community members can request such changes by contacting the committee chair.

Eligibility

All papers published in the covered meetings within the previous three years will be considered by the committee. Papers published in meetings not in the above list are also eligible for consideration, but the committee does not take responsibility for proactively considering these venues. Community members may ask the committee to consider papers from such venues through the community-nomination process, described below.

Committee Candidates

Each of the members of the committee covering a particular meeting will be responsible for reviewing the papers for that meeting in consultation with others from that community. We anticipate that this committee member will at least contact the program chair for the relevant meeting and ask the chair to suggest one or two papers for consideration. We encourage the program chair to solicit input from members of the program committee. The committee member will then bring potential papers to the committee for a discussion.

Community Candidates

Community members not on the committee may ask for papers to be considered by submitting to the committee chair a nominating proposal. Such a proposal must summarize the contribution of the paper and explain why the paper is suitable for inclusion in the CACM research series. Such a nominating proposal should be no more than a page in length. Authors may not self-nominate. Information about deadlines for such proposals will be listed on a web page describing the nominating process. Periodic reminders of nominating deadlines will be sent to the SIGPLAN mailing list.

Selection Process

The full committee (minus people with conflicts of interest) will discuss via email the candidate papers, both those arising from the committee and from any community candidates. The committee may solicit input from outside experts on the merits of any candidate papers. The committee will select for nomination to CACM those papers that will benefit from the broad exposure afforded by CACM, taking into consideration the technical quality of the result, the ability to summarize the results in an 8-page paper, and the likely interest from computer scientists in other areas. For each paper nominated, the committee will send to CACM:

- 1) a copy of the paper
- 2) a description of why the paper merits publication in CACM (1/2 page)
- 3) a list of possible people to write the Technical Perspective
- 4) consent to the nomination from the authors and prospective technical perspective writers

Conflicts of interest

Committee members may not nominate their own papers for consideration. Committee members may not participate in the discussion of whether one of their papers may be nominated to CACM. Other conflicts of interest should be disclosed to the committee chair, who will decide how to handle such conflicts. A committee member may decide to recuse him or herself from the discussion of any paper for reasons of conflict of interest. Papers by committee members may be nominated by the community-nomination process.

Publicity

The procedures under which this committee runs will be posted on a web site, as will the names of the people currently serving on the committee. Information about how to submit a paper to the committee will be on the web site.

Each paper that the committee nominates to CACM will be listed on a web page in recognition of its high quality and interest.

3. What is your timeline for nominating papers? SIGs with one conference will probably elect to nominate annually, while SIGs with more conferences may elect to nominate more frequently. We'll probably hold several rounds of selection each year.

The committee will meet electronically three times a year: in late January (after POPL and co-located meetings), in late June (after ASPLOS, PLDI, and co-located meetings), and in early November (after ICFP, OOPSLA, and co-located meetings). If the committee deems any papers published within the preceding time frame have met the threshold for nomination to CACM, the committee will submit nominations at that time.