

## SIGCSE 2005 Planning Committee

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# Call for Participation

## SIGCSE 2005

The 36th ACM Technical Symposium on Computer Science Education

St. Louis, Missouri USA February 23 - 27, 2005

<http://www.ithaca.edu/sigcse2005/>

Everyone interested in computer science education is invited to contribute to SIGCSE 2005. The symposium will follow SIGCSE tradition, providing a diverse selection of technical sessions and opportunities for learning and interaction. This symposium addresses problems common among educators working to develop, implement and/or evaluate computing programs, curricula, and courses. In addition, the symposium provides a forum for sharing new ideas for syllabi, laboratories, and other elements of teaching and pedagogy, at all levels of instruction.

### Papers, Panels, Special Sessions, and Workshops

**Submission Deadline: September 10, 2004**

Papers and proposals for Panels, Special Sessions, and Workshops are all submitted online. Instructions and procedures for submissions are provided at <http://www.ithaca.edu/sigcse2005/>.

Formatting for Papers, Panels, and Special Sessions submissions must comply with the template provided at <http://www.acm.org/signs/pubs/proceed/template.html>.

**Papers** describe a classroom experience, teaching technique, curricular initiative, or educational research project. Papers will undergo a double-blind reviewing process. Two versions of a submission are required: a full version having author names and affiliations and an anonymous version having no references to the authors or institutions. Papers must not exceed 5 pages. Authors will have approximately twenty-five minutes for their presentation, including questions-and-answers. Please consider submitting a paper in one of the following topic areas:

#### Course-Related

Algorithms	Architecture	Artificial Intelligence
Classroom Management	Computational Science	CS1/2
Database	Discrete Mathematics	Distributed/Parallel Computing
Formal Methods/Theory	Graphics/Visualization	Human-Computer Interface
Networks/ Data Communications	Operating Systems	Programming Languages
Software Engineering	Supporting Course/ Internships	Using Emerging Instructional Technologies

#### General Topics

AP/IB Courses & Curricula	Communication Skills	Courseware
Curriculum Issues	CS Ed Research	Distance Education
Ethical/Societal Issues	Gender and Diversity Issues	Information Systems
Information Technology	Lab Environments	Multimedia
Non-majors	Non-traditional Students	Object-Oriented Issues
Pedagogy	Undergraduate Research/ Capstones	Web-based Techniques/ Web Services

**Panels** present multiple perspectives on a specific topic. To allow each panelist adequate time to present their perspective and still enable audience participation, a maximum of 4 panelists, including moderator, may be included. Panel submissions should include a list of panelists, their affiliations, and a description of the topic with brief position statements from panelists. Panel abstracts must not exceed 2 pages. A panel session is approximately 75 minutes.

**Special Sessions** provide a flexible format for the presentation or discussion of material. Possible special sessions include a seminar to introduce a new topic, a committee report, a forum on curriculum or accreditation issues, or a series of papers related to a specific theme. Special session abstracts must not exceed 2 pages. A special session is approximately 75 minutes.

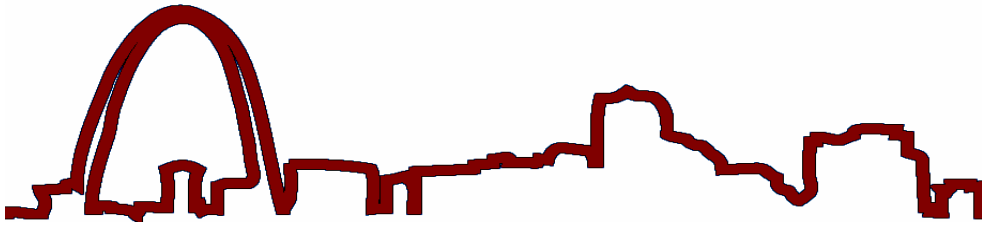
**Workshops** provide introductory and advanced topics to help make participants more effective teachers. Workshop proposals (including abstract) must not exceed 1 page. Submission specifics include equipment needs (e.g., computer lab or projector) and any limitation on the number of participants. Workshops are scheduled for a ½ day session (3 hours), offered separately from the technical track session times.

### Birds of a Feather and Faculty Posters

**Submission Deadline: November 12, 2004**

**Birds of a Feather Sessions** provide an environment for colleagues with similar interests to meet for informal discussions. A maximum one page description (including abstract) is requested to describe the informal discussion topic. A/V equipment will not be provided for these sessions. Approximately 45 minutes are allocated to each BOF topic. Submit your proposed session directly to Don Goelman ([don.goelman@villanova.edu](mailto:don.goelman@villanova.edu)).

**Faculty Posters** describe teaching materials, educational research, or works in progress. Proposals are limited to two pages. Poster demonstrations are scheduled to permit one-on-one discussion with conference attendees, typically during session breaks. Prepared handouts are encouraged to share your work. Submit your poster proposal directly to Bonnie McVey ([bonnie.mcvey@snc.edu](mailto:bonnie.mcvey@snc.edu)).



## Call for Participation SIGCSE 2005

St. Louis, Missouri USA February 23 - 27, 2005

### Submission Information

Guidelines for submissions  
Description of topics  
Submission templates

<http://www.ithaca.edu/sigcse2005>  
<http://db.grinnell.edu/sigcse/sigcse2005/subjectDisplay.asp>  
<http://www.acm.org/sigs/pubs/proceed/template.html>

### Deadlines (see SIGCSE 2005 website for submission instructions)

Papers, Panels, Special Sessions, and Workshops:

- Submission deadline Friday, Sept. 10, 2004
- Acceptance notification Monday, Nov. 8, 2004
- Camera-ready copy due Tuesday, Nov. 23, 2004

Student Research Contest:

- Submission deadline Monday, Sept. 27, 2004

Birds of a Feather and Faculty Posters:

- Submission deadline Friday, Nov. 12, 2004
- Acceptance notification Monday, Dec. 20, 2004

## Collateral Conference Activities

### Doctoral Consortium

The Doctoral Consortium was instituted in 1997 for students currently enrolled in a Ph.D. program, at any stage of study. The consortium provides a forum for participants to meet with each other and with established researchers to discuss the process of research and life in academia. Each participant is expected to give a short, critiqued research presentation. The consortium convenes on the day before the SIGCSE symposium. For more information, contact K. Todd Stevens ([kstevens2@radford.edu](mailto:kstevens2@radford.edu)) and Mark Guzdial ([guzdial@cc.gatech.edu](mailto:guzdial@cc.gatech.edu)).

### ACM Student Research Competition -- Submission Deadline: September 27, 2004

**ACM International Student Research Competition**, a joint ACM and SIGCSE activity, invites student researchers to submit an overview of their current research activity. Both undergraduate and graduate categories require a two page extended abstract. Participating students are expected to present research results in a poster competition, and finalists are selected for a formal presentation. For more information, contact Ann Sobel ([sobelae@muohio.edu](mailto:sobelae@muohio.edu)).

### Student Volunteers

Student volunteers have long been an integral part of the SIGCSE symposium. This is a great opportunity for students to meet students from other institutions, interact with faculty, and attend sessions. A student volunteer receives a complimentary registration. Student volunteers are expected to satisfactorily complete 5 hours of work during the conference, e.g. at the registration desk or as a workshop assistant. Contact Pamela Lawhead ([lawhead@cs.olemiss.edu](mailto:lawhead@cs.olemiss.edu)) and Constance Bland ([cgbland@mvsu.edu](mailto:cgbland@mvsu.edu)) for more information or to sign up as a student volunteer.

## Hotel and Area Information

SIGCSE 2005 will be centrally located in the heart of downtown St. Louis. The conference venue is within walking distance of the famous Gateway Arch, the Mississippi River, a wide variety of cultural attractions and many of the city's restaurants, riverboats and shops of Laclede's Landing along the historic St. Louis riverfront. St. Louis is well-known for its live music scene. Detailed information regarding the hotel and ground transportation will be provided online ([www.ithaca.edu/sigcse2005](http://www.ithaca.edu/sigcse2005)) and in advance registration materials.