Call for Participation
SIGCSE 2006
The 37th ACM Technical Symposium on Computer Science Education
http://www.cs.rit.edu/~sigcse06

Houston, Texas USA March 1 - 5, 2006

Everyone interested in computer science education is invited to contribute to SIGCSE 2006. 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 9, 2005

Papers and proposals for Panels, Special Sessions, and Workshops are all submitted online. Instructions and procedures for submissions are provided at http://www.cs.rit.edu/~sigcse06. Formatting for Papers, Panels, and Special Sessions submissions must comply with the template provided at http://www.acm.org/sigs/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 five 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
- Compilers
- Artificial Intelligence
- Formal Methods
- Database
- High Performance Computing
- Human-Computer Interface
- Graphics/Visualization
- Numerical Methods
- Operating Systems
- Networking
- Real-time/Embedded Systems
- Security
- Programming Languages
- Supporting Courses
- Theory
- Software Engineering
- General Topics
- Bioinformatics/Computational Science
- Accessibility
- AP/IB Courses & Curricula
- Assessment
- Classroom Management
- Communication Skills
- Distance Education
- Curriculum Issues
- CS Ed Research
- Information Technology
- Ethical/Societal Issues
- Gender and Diversity Issues
- Non-majors
- Laboratory/Active Learning
- Multimedia
- Pedagogy
- Non-traditional Students
- Object-Oriented Issues
- Web-based Techniques/
- Student Research/ Using Emerging Instructional Web-based Techniques/
- Pedagogy
- Non-traditional Students
- 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 Dick Brown (rab@stolaf.edu).

**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 two 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 two pages. Submission specifics include equipment needs (e.g., computer lab or projector) and any limitation on the number of participants. Workshops are scheduled for a three hour session, offered separately from the technical track session times.

**Birds of a Feather and Faculty Posters**
Submission Deadline: November 11, 2005

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**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 Deb Burhans (burhansd@canisius.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 Dick Brown (rab@stolaf.edu).
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 Mark Guzdial (guzdial@cc.gatech.edu).

Workshop for Department Chairs

The Workshop for Department Chairs is an opportunity for department chairs with limited experience to improve their ability to perform their duties. This day-long Wednesday workshop is a new SIGCSE activity. Three experienced former department chairs will serve as resources for the group as the members explore ways that department chairs can do their jobs efficiently and effectively. This workshop is designed for department chairs with three or fewer years experience or those who have recently been appointed department chair. There will be a modest extra charge for this workshop. For more information contact Frank Young (sigcse06-chairsworkshop@cs.rit.edu).

ACM Student Research Competition

Submission Deadline: September 26, 2005

The ACM International Student Research Competition 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).

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 five hours of work during the conference, e.g. at the registration desk or as a workshop assistant. Contact Pamela Lawhead (lawhead@cs.olemiss.edu) for more information or to sign up as a student volunteer.

Doug Baldwin and Paul Tymann, SIGCSE 2006 Symposium Chairs

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Paul Tymann
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Rochester, NY 14623

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Houston, Texas USA March 1 - 5, 2006

Guidelines for submissions are posted at the SIGCSE 2006 website: http://www.cs.rit.edu/~sigcse06

Papers, Panels, Special Sessions, and Workshops:

- Submission Deadline: Friday, September 9, 2005
- Acceptance Notification: Monday, November 7, 2005
- Camera-ready copy due: Thursday, December 1, 2005

Student Research Contest:

- Submission Deadline: Monday, September 26, 2005

Birds of a feather and Faculty Posters:

- Submission Deadline: Friday, November 11, 2005
- Acceptance Notification: Monday, December 19, 2005

Hotel and Area Information

SIGCSE 2006 will be in downtown Houston at the Hilton Americas. The conference venue is within walking distance of Minute Maid Park (site of Thursday’s conference reception) and many of the city's restaurants and shops. Houston is a city rich in culture and diversity, offering theaters, museums, shops, green space, and activities for people of all ages. Detailed information regarding the hotel and ground transportation will be provided online (http://www.cs.rit.edu/~sigcse06) and in advance registration materials.