



Call For Structural Stability Papers

2011 SSRC Annual Stability Conference

May 10-14, 2011
Pittsburgh, Pennsylvania

in conjunction with the AISC Steel Conference

Sponsored by: Structural Stability Research Council

In cooperation with: American Institute of Steel Construction North American Steel Construction Conference

Call for papers in structural stability

Join us at the world's only annual conference focused exclusively on the important role of structural stability in structural engineering. The SSRC Annual Stability Conference is held every year as an exclusive track within AISC's North American Steel Construction Conference. This conference brings together researchers from around the world to report and discuss the latest research in structural stability. For example, topics in 2010 included:

- Stability behavior in new steel seismic systems
- U.S. and international design standards related to the stability of components and systems
- Stability of tubular members under a variety of demands
- Local buckling of steel members
- Stiffener requirements and optimization for steel plates, connections, and members
- Stability of members with holes
- Stability of curved I-girder bridges
- Probabilistic treatments for design against stability limit states
- Experimental and theoretical work on bracing systems including bracing for bridges
- New analytical methods for stability, including Generalized Beam Theory
- Stability of members under fire demands
- Curved and skewed I-girder bridges

and many others. All of the world's structural stability research, with a particular emphasis on the stability of metal structures, or metal-concrete composite structures are welcome.

Benefits to submission

The Structural Stability Research Council's Annual Stability Conference provides a unique venue for sharing your latest stability research. The paper sessions enjoy wide attendance, in addition to the research community, the engineering and construction community from AISC's North American Steel Construction Conference are free to attend the sessions and do so. As an added benefit, speakers who present in selected sessions are typically eligible for partial travel support. Student authors are particularly encouraged and may be eligible for participation in the Vinnakota Award paper contest, see details in the sidebar.

Submission of abstracts

Submit a single page abstract, maximum 250 words, in Word or PDF to SSRC (ssrc@mst.edu) by **September 3, 2010**. The Program Committee will make the final program selections based on the applicability of the subject, and evaluation of the abstract, available space in the program, and assurance that the author will attend the conference to present his/her paper. Notification of acceptance will be made no later than **September 30, 2010**. Full papers must be submitted by **January 14, 2011**.

Submit Abstracts to:

Structural Stability Research Council

E-mail: ssrc@mst.edu

Phone: (573) 341-6610

<http://stabilitycouncil.org>

Vinnakota Award

The Vinnakota Award was established in 1997 by Ramulu S. Vinnakota, long time member of SSRC, in honor of his parents who believed in the importance of education and research.

The award will be given for the best student authored paper presented at an SSRC Annual Stability Conference. The paper shall be based on the thesis research of an M.S. or Ph.D. student.

The award will consist of a certificate, which will be presented to the student and his/her advising professor, as well as a cash honorarium presented to the student.

The abstract for the paper must be submitted to SSRC prior to the deadline, with a cover letter requesting that the paper be considered for the Vinnakota Award.

The award selection will be based on the full paper. To qualify for the award, the student must be both the primary author of the paper and the presenter at the conference.

Dates to Remember

September 3, 2010 - Abstracts due at SSRC Headquarters

September 30, 2010 - Notification of acceptance

January 14, 2011 - Full papers due at SSRC Headquarters

May 10, 2011 - SSRC Task Groups and Business Meeting

May 11-14, 2011 - Annual Stability Conference