



2018 SSRC Annual Stability Conference

◆ April 10-13, 2018 ◆

◆ Baltimore, Maryland ◆

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 NASCC: The Steel Conference. This conference brings together researchers from around the world to report and discuss the latest research in structural stability. Researchers are encouraged to submit an abstract summarizing ongoing or recently completed research on stability of metal structures, or metal-concrete composite structures. Example topics in recent conferences include:

- U.S. and international design standards related to the stability of components and systems
- Stiffener requirements and optimization for steel plates, connections, and members
- Stability of non-prismatic members
- Stability of tubular members
- Stability behavior in steel seismic systems
- Experimental and theoretical work on bracing systems, including bracing for bridges
- Probabilistic treatments for design against stability limit states
- Local buckling of steel members
- New analytical methods for stability, including Generalized Beam Theory
- Stability of members at elevated temperatures
- Curved and skewed I-girder bridges
- Stability against disproportionate collapse

Submission of Abstracts

To submit your abstract, complete the online form available on our website:

<http://ssrcweb.org/asc-nascc/>

Abstracts are due by 5:00 pm (CDT) on **September 1, 2017**. **This due date is firm and no late submissions will be accepted.** 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 the present his/her paper. Notification of acceptance will be made the **week of September 25, 2017**. Full papers must be submitted by **January 26, 2018**. For more information or questions about submitting abstracts, contact Janet Cummins, ssrc@aisc.org or (312) 670-7015.

Benefits to Submission

The Structural Stability Research Council's Annual Stability Conference provides a unique venue for sharing your latest stability research. Authors are encouraged to submit papers documenting completed studies as well as work in progress to keep stability researchers and design engineers informed of recent discoveries. The paper sessions enjoy wide attendance from members of the research community as well as members of the engineering and construction community from AISC's NASCC: The Steel Conference. The sessions are open to any attendees of the NASCC conference. In addition to providing exposure to your completed and ongoing studies, the Annual Stability Conference forum allows authors to get direct feedback on their work from conference attendees. As an added benefit, speakers who are SSRC members are eligible for partial travel support. Student authors are particularly encouraged and may be eligible for participation in the Vinnakota Award paper contest, see details above.

Dates to Remember

September 1, 2017 – Abstracts due

Week of September 25, 2017 – Notification of acceptance

January 26, 2018 – Full papers due at SSRC Headquarters

April 10, 2018 – SSRC Task Groups, Business Meeting, and Stability Conference Kickoff Sessions

April 10-13, 2017 – Stability Conference

Attention Students

The **Vinnakota 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 consists of a certificate and a cash honorarium presented to the student, and a certificate presented to the Professor who is his/her advisor.

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

Award selection will be based on the full paper. To qualify, the student must be the primary author of the paper, the presenter at the conference, and submit the paper on time.