



15th Annual Student Paper Competition - CALL FOR STUDENT PAPERS



The Deep Foundations Institute Educational Trust announces the 2017 Student Paper Competition. Students studying in the fields of engineering, construction and geological sciences are encouraged to submit a paper for consideration. The author(s) of the winning paper will be invited to attend the DFI 2017 Conference in New Orleans, LA, to present the paper. Conference registration, two nights of lodging and a \$750 stipend for travel expenses will be provided to the winner. Both the winner and first runner-up will receive a library of up to 20 DFI Publications and a complimentary two-year Individual Membership in DFI.

In brief, DFI is a not-for-profit association of contractors, engineers, manufacturers, suppliers, owners and academia which promotes understanding and advancement of the deep foundations and excavations construction industry through conferences, publications, and community. The DFI Educational Trust is an independent, non-profit, charitable foundation established by DFI in 2005. It promotes awareness of career opportunities available in the deep foundations construction industry and provides financial assistance for the education of high school and college students pursuing one of these careers.

Papers are solicited on topics relating to deep foundations design and construction as suggested below. Papers on deep foundations, ground improvement, and risk management are specifically encouraged for this year's competition.

- Discussions of state of the art foundation technologies and their applications
- Foundation design and construction research
- Quality control, quality assurance, non-destructive testing, instrumentation and monitoring
- Critical infrastructure (e.g., flood protection system)
- Laterally loaded piles
- Mitigation of environmental impacts
- Sediment transport and diversion structures
- Sheet piling/cofferdams
- Application of factors of safety and/or resistance factors
- Slopes during deep foundation installation
- Soil-pile interaction

Paper Competition Deadlines:

1. ~~Friday, March 10, 2017~~ **Extended until Friday, April 10, 2017:** Submit an abstract of approximately 300 words in length describing the subject matter of the paper. In addition to paper title and summary, include the following information in the abstract document: student author name(s), school affiliation, mailing address, phone number, email address, advisor's name and email address. All abstracts will be included in the competition unless the subject matter is deemed inappropriate. **Students will be notified by Friday, March 17, 2017 Friday, April 17, 2017, of abstract acceptability.**
2. **Friday, June 2, 2017:** Submit draft paper of no more than 10 pages in length. Papers will be judged based on submitted drafts. Comments will be offered to winning and runner-up papers by **June 23, 2017**, for preparation of final version to be published in the conference proceedings and possibly in the DFI Journal, both of which are read by practitioners in the deep foundations engineering and contracting community.
3. **Friday, August 11, 2017:** Papers in their final form are due by the winner and runner-up.
4. **Friday, September 15, 2017:** Final PowerPoint due by the winner.

Other important information:

- Abstracts and papers are to be submitted via on the attached Abstract Submission Form to events@dfi.org.
- Student must be enrolled in an accredited college or university in an undergraduate or graduate program in the field of engineering/construction/geological sciences.
- Paper must be based on student's own work, and in her/his own writing.
- Multiple students may co-author a single paper submission for the competition but will share the prize should their paper be deemed the winner or runner-up.
- Samples of past winning papers are available for review upon request.
- Correspondence regarding the competition should be addressed to DFI Educational Trust, 326 Lafayette Avenue, Hawthorne, NJ 07506 with your contact information shown in header.



FINDING COMMON GROUND

ABSTRACT SUBMISSION FORM

EVENT NAME: _____

TITLE OF ABSTRACT: _____

AUTHOR(S): _____

PRESENTER 1: NAME _____ DFI MEMBER? _____

PROFESSIONAL DESIGNATION (P.E., PhD, etc.) _____

COMPANY _____

E-MAIL _____ PHONE _____

PRESENTER 2: NAME _____

PROFESSIONAL DESIGNATION (P.E., PhD, etc.) _____

COMPANY _____

E-MAIL _____ PHONE _____

ADVISOR'S NAME & EMAIL ADDRESS (if applicable): _____

ABSTRACT: