

2018 Rocky Mountain Student Conference



October 15, 2017

Dear Rocky Mountain Conference Student Chapter:

This is your 2018 Rocky Mountain Region Student Conference Mailer I, the first of three packets to be sent to each of the participating schools. Please read carefully through this packet and distribute copies to the appropriate chairpersons in your Chapter. Do not throw away this mailer! The information that is given here may not be repeated in subsequent mailers. Enclosed you will find the following information:

- ◆ Receipt confirmation
- ◆ Deadlines summary
- ◆ Registration forms
- ◆ Tentative conference schedule
- ◆ Hotel accommodations
- ◆ Competition rules & contacts
- ◆ Eligibility requirements for advancement to national competitions

Receipt of this mailer should be confirmed by emailing the enclosed form by October 31, 2017. Please email asce@mines.sdsmt.edu for your confirmation. Please note the school registration deadline is November 30, 2017.

If you have any questions, feel free to contact us at the e-mail address: asce@mines.sdsmt.edu. All questions and answers concerning the events, rules, etc. will be posted on our web site: <http://ascesdsmt.com/>. We will do everything possible to answer your questions in a timely manner, but please be patient.

We look forward to seeing you in the spring!

Sincerely,

Anna Larson

Anna Larson
President, ASCE Student Chapter
South Dakota School of Mines and Technology

Elizabeth K. Larsen

Elizabeth Larsen & Gina Elmore
Regional Chair, 2018 Rocky Mountain Region Student Conference
South Dakota School of Mines and Technology

Gina Elmore

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Receipt Confirmation

Send to: asce@mines.sdsmt.edu before **October 31, 2017**

Conference Dates: April 5th – April 7th

School Name: _____

Faculty Advisor: _____

FA's Phone Number & E-mail: _____

Student Conference Contact (i.e. Chapter President or Conference Chair) – name,
phone number & e-mail:

This confirms that we have received Mailer I regarding the 2018 Student Conference.

Deadlines Summary

Participants:

October 31	Mailer Receipt Confirmation
November 30	School Registration
February 1	Attendee Pre-registration
March 1	Hotel Reservations Cut-off
April 5-7	Conference!

Host:

October 15	Mailer I
January 15	Mailer II (maps, updates)
March 1	Mailer III (final schedule, parking passes, updates)

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School Registration Form

Send to: *Civil Department Attn: ASCE*
501 East Saint Joseph St
Rapid City, SD 57701

before November 30, 2017

Registration is \$150.00 per school and \$70.00 per student. School registration is due by November 30, 2017. Individual attendee registration fees are due February 1, 2018.

Make checks payable to: *SD Mines ASCE Chapter*

School Name: _____

- We are attending the conference and will send approximately ____ students and faculty. (Your school will not be held to these numbers, but this will greatly assist in planning food events.) Enclosed please find our \$150.00 school registration fee.
 - We are not attending the conference
-

Which events does your Chapter plan on competing in?

- Concrete Canoe
- Steel Bridge
- Technical Paper/Presentation
- Non-Technical Paper/Presentation
- Surveying Competition
- Pre-Design Competition
- Mystery Design

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Conference Attendee Pre-registration

Send before February 1, 2018

Each conference attendee (student, faculty, or friends) must pre-register for the event. Please fill out the following page and send with \$70.00 per person to: *Civil Department Attn: ASCE*

*501 East Saint Joseph St
Rapid City, SD 57701*

The \$70.00 registration fee covers the following:

- ◆ conference banquet
- ◆ conference program & badge
- ◆ dinner on Thursday
- ◆ lunch on Friday & Saturday
- ◆ conference t-shirt
- ◆ parking fees
- ◆ event fees

Late Registration

Any registrations postmarked after February 1, 2018 must pay a late registration fee of \$100.00, instead of the original \$70.00 fee. Any students, faculty, or friends that arrive at the conference without pre-registering must pay the late registration fee at check-in.

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Tentative Conference Schedule

Thursday – April 5th		
5:00 – 7:00 pm	Registration	SD Mines Campus – King Center
6:00 – 7:30 pm	Welcome Dinner and Chapter Presentations	SD Mines Campus – King Center
7:30 – 8:15 pm	Mystery Design	SD Mines Campus – King Center
8:15 – 8:30 pm	Presidents/Regional Chairs Meeting	SD Mines Campus – King Center
8:30 – 10:00 pm	Steel Bridge Captains' Meeting	SD Mines Campus – King Center
Friday – April 6th		
8:00 am	Canoe and Bridge Drop off	Civic Center – Rushmore Hall
8:30 – 11:00 am	Steel Bridge Aesthetics	Civic Center – Rushmore Hall
8:30 – 11:00 am	Concrete Canoe Aesthetics	Civic Center – Rushmore Hall
9:00 – 11:00 am	Pre-Design Competition	TBD
10:00 am – 1:00 pm	Concrete Canoe Presentations	TBD
11:00 am – 5:00 pm	Steel Bridge Competition	Barnett Arena
11:00 am – 3:00 pm	Technical Paper/Presentations	Civic Center – Alpine or Ponderosa Room
11:00 am – 3:00 pm	Non-Technical Paper/Presentations	Civic Center – Alpine or Ponderosa Room
2:00 – 3:00 pm	Concrete Canoe Captains' Meeting	TBD
5:00 – 6:00 pm	Mandatory Business Meeting	TBD
Saturday – April 7th		
7:30 am	Concrete Canoe Drop off	Angostura Reservoir
8:00 – 9:00 am	Swamp Testing	Angostura Reservoir
9:00 am – 3:00 pm	Canoe Races	Angostura Reservoir
12:00 – 2:00 pm	Surveying Competition	TBD
6:00 – 8:00 pm	Awards Banquet	Holiday Inn and Suites

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Hotel Accommodations

Two hotels will be available through our chapter for you to book rooms from. For both, mentioning that you are with the “ASCE Regional Competition” should be adequate in getting you the proper rate.

Conference: April 5th – April 7th

Option 1: Howard Johnson Hotel

Rate: \$65/room

Location: 950 North Street, Rapid City, SD 57701

Phone Number: (605) 737-4656

Distance to SD Mines: 7 minute drive

Distance to Civic Center: 3 minute drive, 12 minute walk

Option 2: The Holiday Inn

Rate: \$79/room

Location: 505 North 5th Street, Rapid City, SD 57701

Phone Number: (605) 348-4000

Distance to SD Mines: 5 minute drive

Distance to Civic Center: 0 minute drive, 1 minute walk

The cutoff date for both hotels is **March 1, 2018**.

Contacts for Regionals

ASCE Chapter: asce@mines.sdsmt.edu

Chapter President: Anna Larson, anna.larson@mines.sdsmt.edu

Regional Chair: Elizabeth Larsen, Elizabeth.larsen@mines.sdsmt.edu

Regional Chair: Gina Elmore, gina.elmore@mines.sdsmt.edu

Treasurer: Matt Seitzer, matthew.seitzer@mines.sdsmt.edu

Fundraising Chair: Travis Fincher, travis.fincher@mines.sdsmt.edu

Chapter Advisor: Dr. Christopher Shearer, Chris.shearer@sdsmt.edu

If you have any questions, please contact the people listed above and they will help you as soon as they can. Thanks!

Competition Rules

Please Review all Competition Rules As Soon as Possible!

Concrete Canoe Competition:

We will be following the 2018 ASCE Concrete Canoe rules, posted here:

<https://www.asce.org/rules-and-regulations/>

Note: Concrete Canoe papers must be submitted by March 1, 2018, to asce@mines.sdsmt.edu with hardcopies sent to: Civil Department Attn: ASCE, 501 East Saint Joseph St, Rapid City, SD 57701

Additionally, please note that you will have to submit this to the National website as outlined in the rules.

Steel Bridge Competition:

We will be following the 2018 AISC Steel Bridge rules, posted here:

<https://www.aisc.org/globalassets/aisc/university-programs/nssbc/2018-nssbc-rules-rev-12.pdf>

Technical Paper/Presentation:

The topic of this year's technical paper will be left to each individual school. However, the paper should focus on a technical issue that has relevance to the Civil Engineering field of study. For example, students may write about research that their school is currently conducting or will be conducting in the future. The rubric used for this paper and presentation is on the next page.

Non-Technical Paper/Presentation:

We will be following the Daniel W. Mead paper topic and rules, posted here:

<https://www.asce.org/mead-student/>

Papers will be presented by each school that is participating in this optional event. The rubric used for this paper and presentation is on the next page.

Note: papers must be submitted by March 1, 2018, to asce@mines.sdsmt.edu

Note: to be eligible for the national Daniel W. Mead prize, students must submit their papers separately to ASCE Nationals.

Mystery Design Competition

This portion of the conference will exercise the ability of the engineering students to think on their feet, work under pressure, and produce a useable product in a short period of time. The actual competition will be revealed to participants at the conference just prior to the event beginning.

Pre-Design Competition

This competition has yet to be finalized. The competition rules for this competition will be updated in subsequent mailers.

Surveying Competition

This competition has yet to be finalized. The competition rules for this competition will be updated in subsequent mailers.

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Paper Presentation Competition SCORING SUMMARY SHEET

Author's Name: _____ Date: _____

ASCE Student Organization Represented: _____

Paper Scoring Criteria	Score
1. Adherence to topic (10 pts)	/ 10
2. Presence of original ideas and research involved (10 pts)	/ 10
3. Command of subject matter (10 pts)	/ 10
4. Spelling and grammar / length (2000 word maximum) (5 pts)	/ 5
5. Overall clarity, organization, quality of paper and references (15 pts)	/ 15
Paper Sub-Total	/ 50

Presentation Scoring Criteria	Score
1. Degree to which presentation addressed and supported key concepts of written paper and theme of contest	/ 10
2. Ability to communicate key concepts from written paper and to convince audience of their importance	/ 25
3. Personal bearing (i.e. appearance, poise, eye contact)	/ 5
4. Delivery style (i.e. reading, memorized, conversational) / pronunciation and proper use of technical language and grammar / enthusiasm and voice projection	/ 5
5. Time (5 minutes +/- 5 seconds) (Beyond 5-second allowance: 0.05 point penalty per second difference from required 5 minutes, i.e. 5:20 or 4:40 = 1 point penalty)	/ 5
6. Errors in logic or facts (up to 10 points penalty)	() penalty
Presentation Sub-Total	/ 50
Paper Sub-Total	/ 50
Overall Score	/ 100

Eligibility requirements for advancement to national competitions

The following qualifications are required of all ASCE Student Organizations in order to participate in an ASCE-sponsored National Competition.

1. Be in good standing with ASCE:
 - a. Have submitted their Annual Report and paid their Annual Dues, as received by ASCE, prior to the start of the Student Conference; and

FOR CONCRETE CANOE ONLY - Have submitted their student chapter full Annual Report in time to be graded (reports submitted on or before February 1, 2018 meet this qualification), and have scored within the top two-thirds (2/3) of all student chapters. **Student Chapters that submit an EZ annual reporting form do not qualify;** and

- b. Act appropriately. As representatives of ASCE and the civil engineering profession, all competition and conference participants are expected to and must act professionally and courteously. The use of alcohol, marijuana, or other controlled substance is strictly prohibited.

Note: Invitations to Conference and National Competitions are a privilege, not a right. Failure to act appropriately can result in letters of reprimand, mandatory behavior management plans, and loss of invitations to further competition for individual institutions and/or entire conferences.

2. Attend and participate in their assigned Student Conference as shown through their school's:
 - a. Good faith participation in the Student Conference Business Meeting (at least one (1) student representative present at the **start** of the Business Meeting);
 - b. Good faith participation in the Student Conference Paper Competition, including submission and presentation by at least one (1) member of the ASCE Student Chapter, not necessarily a member of the concrete canoe team; and
 - c. Meeting any additional requirements of Student Conference participation set by the Student Conference at the previous year's business meeting or in their written and approved by-laws, standing rules, or constitution.