

Fun Facts

- ◆ Wind Cave was the first cave to become a National Park
- ◆ Black Elk Peak is the highest point between the Rocky Mountains and the Pyrenees Mountains
- ◆ South Dakota School of Mines and Technology was founded before South Dakota became a state
- ◆ The Stratobowl, near Rapid City, in the 1930's was a manned balloon launch site for the Army Air Corp. and the National Geographic Society
- ◆ South Dakota School of Mines and Technology's first graduating class was made up of two women and one man
- ◆ In 1972, after a remarkably heavy rain event, Rapid City flooded, killing 238 people, leading the way for the Army Corp. of Engineers to develop many of the modern flood engineering practices we have today
- ◆ The Homestake Mine in Lead, SD was, until it closed in 2002, the largest and deepest gold mine in North America, reaching 8,000 ft underground, while producing over 43 million ounces of gold in its lifetime



General Information and Welcome Packet



Hosted by: South Dakota School of Mines and Technology

Welcome!

We are excited to be hosting the 2018 ASCE Rocky Mountain Regional Conference this year. It may have been a long drive for a lot of you, but we hope you enjoy your stay! Rapid City is a medium-sized city with a lot to offer. If you get a chance, make sure to check out some of the local shops, food, and landmarks. For more details, look on the last few pages for activities/places to check out.

We want to thank you for coming to participate or to watch these competitions. They wouldn't be the same without the students, the faculty, the parents, and the Civil Engineers that help to make this possible.

We look forward to some good competition, on-your-feet thinking, and the making of great memories.

We hope you enjoy the conference!

Sincerely,

Elizabeth Larsen

Chapter President and 2018 Regional Conference Coordinator

Many thanks go to...



Recommendations for Experiencing South Dakota

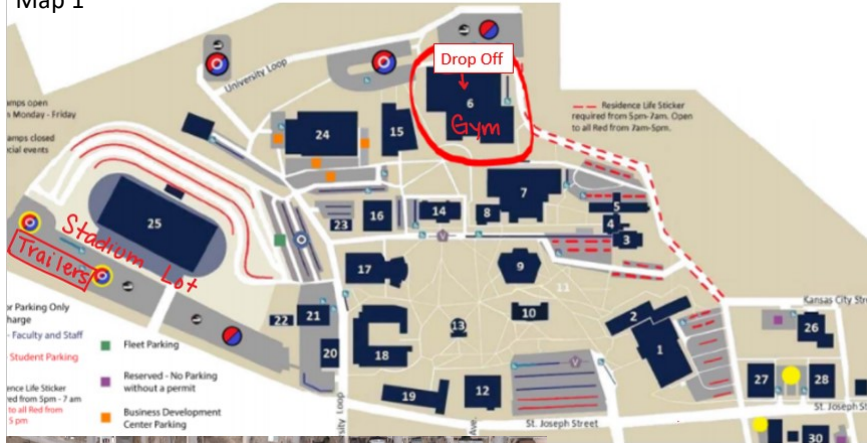
- Mount Rushmore (& Glulam Bridge)
- Wind Cave National Park
- Crazy Horse
- Needles Highway (no buses)
- Iron Mountain Road (Pigtail Bridges)
- City of Presidents in Downtown Rapid City
- Dinosaur Hill
- Art Alley

Food Recommendations

- Murphy's Pub and Grill
- Firehouse Brewing Company
- Que Pasa
- Kol
- Enigma
- Fuji Steakhouse and Sushi Bar
- Gyro Hub

Maps

Map 1



Map 2



Map 3



The Schedule of Events

Thursday, April 5th		
5:00—6:00 pm	Registration	SD Mines Campus—King Center Lobby
6:00—7:30 pm	Welcome Dinner and Chapter Presentations	SD Mines Campus—Fraser Gym
7:30—9:00 pm	Mystery Design Please provide 2 team members to compete in a fast-thinking, team-building, collaborative challenge, hosted by Kiewit	SD Mines—King Center—Hall of Fame
7:30—8:00 pm	Concrete Canoe Captains' Meeting	SD Mines Campus—King Center Lobby
8:30—9:30 pm	Steel Bridge Captains' Meeting	SD Mines Campus—Classroom Building Rm. 206E
9:00—9:15 pm	Presidents/Regional Chairs Meeting Please plan to send your Regional Chair or President and your Faculty Advisor	SD Mines Campus—King Center Lobby

Many thanks go to...

Layton | GUSTAFSON



The Schedule of Events

Friday, April 6th		
7:00—8:00 am	<p>Canoe and Bridge Drop-Off and Set-Up</p> <p>Please come with enough time to set up all canoes and bridges by 8:30 am</p>	<p>Civic Center—Back Doors and Rushmore Hall</p>
8:00 am—12:00 pm	<p>Concrete Canoe Presentations</p> <p>8:00—8:20 Colorado Mines</p> <p>8:20—8:40 Wyoming</p> <p>8:40—9:00 NM Tech</p> <p>9:00—9:20 CSU</p> <p>9:20—9:40 USAFA</p> <p>9:40—10:00 SDSMT</p> <p>10:00—10:20 UNM</p> <p>10:20—10:40 Utah State</p> <p>10:40—11:00 BYU</p> <p>11:00—11:20 UC Boulder</p> <p>11:20—11:40 NMSU</p>	<p>Civic Center—Alpine Room</p>
8:30—10:00 am	<p>Steel Bridge Aesthetics</p>	<p>Civic Center—Rushmore Hall</p>
9:00—11:15 am	<p>Pre-Design Competition</p> <p>9:00—9:15 NM Tech</p> <p>9:15—9:30 SDSMT</p> <p>9:30—9:45 UC Boulder</p> <p>9:45—10:00 NMSU</p> <p>10:00—10:15 USAFA</p> <p>10:15—10:30 UNM</p> <p>10:30—10:45 Colorado Mines</p> <p>10:45—11:00 Wyoming</p> <p>11:00—11:15 UC Denver</p>	<p>Civic Center—Rushmore Hall North</p>

Important Addresses and Directions

All Places and Directions will be denoted with Blue and Gold Balloons

Thursday

SD Mines King Center: [501 E St Joseph St, Rapid City, SD 57701](#) (At the back of campus there will be room to offload people and then drive down to park in the Stadium. Reference Map 1)

Civic Center Trailer Parking: [444 N. Mt. Rushmore Road, Rapid City, SD 57701](#) (Please go to the back of the lot, shown in Map 2)

Friday

Civic Center: [444 N. Mt. Rushmore Road, Rapid City, SD 57701](#) (Park on the West side of the Civic Center as shown in Map 2)

Trailer Parking: Park in Stadium lot of SD Mines Campus (See Map 1)

Saturday

Angostura Reservoir: Follow with following directions or put Angostura Reservoir in Google Maps with the idea that you will have to stop at a different place than it tells you. Please go into the park and turn left towards the beaches. Follow the road past the campground spots until you see the marina. Then turn into the large parking lot just past the marina. You should see Blue and Gold balloons where you should turn. (See Map 3)

1 h 1 min (58.0 miles)



via SD-79 S

Fastest route, the usual traffic

Rapid City

South Dakota

↑ Head north on Mt Rushmore Rd toward St Joseph St

1 s (23 ft)

> Continue on St Joseph St to SD-79 S

9 min (4.3 mi)

> Follow SD-79 S to Co Hwy 2A in Northeast Fall River

45 min (50.4 mi)

> Take Co Hwy 1A to your destination

7 min (3.3 mi)

Unnamed Road

Hot Springs, SD 57747

If Canoe Races are Cancelled...

Saturday, April 7th		
10:00 am— 12:00 pm	The ASCE Civil Games Tournament Includes team-building games, feats of strength games, thinking games, and will hopefully help to bring the teams closer together	SD Mines Campus— King Center— Goodell Gym
12:00—1:30 pm	Lunch	SD Mines Campus— King Center— Goodell Gym
1:30—4:00 pm	South Dakota Tour Take a tour of the surrounding area and monuments. This includes a famous Glulam bridge, Mount Rushmore, Crazy Horse, and many more!	The Rapid City Area
6:00—9:00 pm	Awards Banquet	Holiday Inn— Rushmore Plaza

The Schedule of Events

Friday, April 6th		
10:00 am—4:00 pm	Steel Bridge Competition (Rolling Schedule) 1—USAFA 2—U of Utah 3—Wyoming 4—CSU 5—UNM 6—Utah State 7—UC Boulder 8—NMSU 9—NM Tech 10—BYU 11—Colorado Mines 12—SDSMT	Civic Center— Barnett Arena
11:00—1:00 pm	Lunch	Civic Center—Food Court
12:00—4:00 pm	Technical Paper Presentations 12:00—12:20 BYU 12:20—12:40 UNM 12:40—1:00 Colorado Mines 1:00—1:20 NM Tech 1:20—1:40 NMSU 1:40—2:00 SDSMT 2:00—2:20 Utah State 2:20—2:40 Wyoming 2:40—3:00 UC Denver 3:00—3:20 UC Boulder 3:20—3:40 CSU-Pueblo 3:40—4:00 CSU	Civic Center— Alpine Room

Many thanks go to...



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|--|-------------------------------------|
| SD Mines President, Dr. Jim Rankin | ASCE South Dakota Section |
| SD Mines Civil Department | ASCE Black Hills Branch |
| Student Association Senate | SD Mines Provost, Dr. Jan Puszyński |
| Secretary of the Air Force, Dr. Heather Wilson | South Dakota Engineering Society |
| Hot Springs Ambulance Service | Kari Larsen |
| MR Hansen Endowment | Hinker & Lyons Enterprises |
| SD Mines Concrete Conference | |
| ASCE Region 7 | |
| ASCE Region 8 | |

The Schedule of Events

Friday, April 6th		
12:00—4:00 pm	Non-Technical Paper Presentations	Civic Center— Ponderosa Room
	12:00—12:20 UC Denver	
	12:20—12:40 UC Boulder	
	12:40—1:00 NM Tech	
	1:00—1:20 Colorado Mines	
	1:20—1:40 Utah State	
	1:40—2:00 CSU	
	2:00—2:20 Wyoming	
	2:20—2:40 UNM	
	2:40—3:00 CSU-Pueblo	
3:00—3:20 SDSMT		
3:20—3:40 BYU		
3:40—4:00 NMSU		
1:00—1:30 pm	Concrete Canoe Captains' Meeting	Civic Center— Rushmore Hall
1:30—4:00 pm	Concrete Canoe Aesthetics	Civic Center— Rushmore Hall
4:00—6:00 pm	Swamp Testing (Weather depending. Otherwise, Saturday morning)	Civic Center— Memorial Pond
4:00—5:00 pm	Mandatory Business Meeting Please plan to send your Regional Chair or President and your Faculty Advisor	Civic Center— Ponderosa Room

The Schedule of Events

Saturday, April 7th		
7:00—8:30 am	Concrete Canoe Drop-Off	Angostura Reservoir
8:00—8:30 am	Concrete Canoe Captains' Meeting	Angostura Reservoir
8:30—9:30 am	Swamp Testing (Weather depending. Might be done Friday Evening)	Angostura Reservoir
9:30 am—1:00 pm	Canoe Races Men's Sprint Women's Sprint Co-Ed Sprint	Angostura Reservoir
11:30 am—2:00 pm	Surveying Competition	Angostura Reservoir— Recreation Area
	1—UNM	
	2—BYU	
	3—Wyoming	
	4—NM Tech	
	5—Colorado Mines (Team 1)	
	6—CSU	
	7—USAFA	
	8—SDSMT	
	9—NMSU	
	10—Colorado Mines (Team 2)	
11—UC Denver		
12:00—2:00 pm	Lunch	Angostura Reservoir
2:00—3:30 pm	Canoe Races Men's Endurance Women's Endurance	Angostura Reservoir
6:00—9:00 pm	Awards Banquet	Holiday Inn— Rushmore Plaza

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