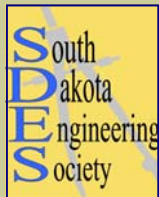


GAIL BODDICKER, EXECUTIVE DIRECTOR
SOUTH DAKOTA ENGINEERING SOCIETY
PO BOX 2004
RAPID CITY, SD 57709

56TH ANNUAL SOUTH DAKOTA ENGINEERING SOCIETY CONFERENCE

April 6-8, 2016

**Holiday Inn City Centre
Sioux Falls, SD**





VENDOR & ATTENDEE REGISTRATION FORM

56th Annual Conference of the SDES

April 6-8, 2016 – Holiday Inn City Centre, Sioux Falls

REGISTRATION OPTIONS

Online: www.sdes.org
Mail to: Gail Boddicker, Executive Director
PO Box 2004
Rapid City, SD 57709
Email to: gail.boddicker@sdsmt.edu

Name: _____ Email: _____

Company: _____ Phone: _____

Address: _____

***Early Registration must be postmarked by March 25th**

ITEM PURCHASING	SDES MEMBERS		NON-SDES MEMBERS		TOTAL
	*EARLY	LATE	*EARLY	LATE	
Registration, Full Conference	\$160	\$180	\$255	\$275	
1 st Day only	\$90	\$110	\$175	\$195	
♦Lunch Only (guest) ♦	\$20		\$20		
2 nd Day Only (morning session)	\$50	\$70	\$80	\$100	

Line A TOTAL \$

Will you participate in the Field Trip? NO YES

Transportation to the Midco® Aquatic Center is on your own. See Program for more information. Remember to bring hard hats, safety vests, and safety glasses. A limited amount of PPE will be available for use. No open-toe shoes are allowed on the tour. Maximum attendance is 60 so reserve attendance by registering early.

STUDENTS

Conference only (no food).....	Free	
1 st Day Lunch	\$ 20	\$ _____
Field Trip	Free	<input type="checkbox"/> NO <input type="checkbox"/> YES

Line B TOTAL \$

SDES Endowment Fund Voluntary Donation \$ _____

Line C TOTAL \$

VENDOR REGISTRATION - \$300 - Each vendor table purchased includes one full conference attendance registration to all sessions and all food, as well as being listed in the conference program. If more than one person per booth plans on attending, they must register (full conference, 1st day, lunch only, or 2nd day) in advance to receive nametags. See the map of the Vendor Room to select your preferred location and include here The earlier you register, the more likely you will secure this location. Each booth will include a table and two chairs. Power is available but you need to provide your own extension cord. Vendors will be offered to attend the field trip for free if the 60 reserved slots are not taken by conference registrants.

Line D TOTAL \$

SPONSORSHIPS & ADVERTISEMENTS – All vendors and sponsors will be included within the conference program and on display boards located in front of each session room. Please send your company logo to Josh Peterson at JPeterson@siouxfalls.org no later than March 31st. All logos should be formatted in business card style similar to Engineering Informer newsletter.

Break Sponsor	\$100	\$ _____
Lunch Sponsor	\$100	\$ _____
Speaker Sponsor (for speaker _____)	\$100	\$ _____
Place Ad in Conference Program	\$ 75	\$ _____

Line E TOTAL \$

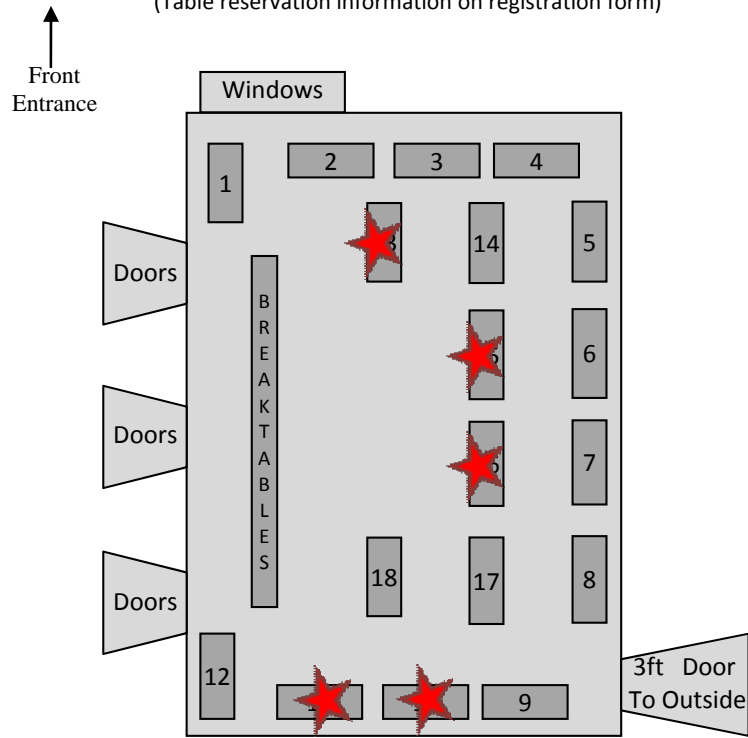
TOTAL AMOUNT DUE: Add Boxes Lines A-E \$

PAYMENT OPTIONS

- Enclosed is check # _____ in the amount of \$ _____ payable to SDES.
- Bill Me. Purchase Order #, if applicable _____.
- Credit Card (Visa, MC, AmEx, Disc) - must be processed on-line. Navigate to the front page of www.sdes.org to register.

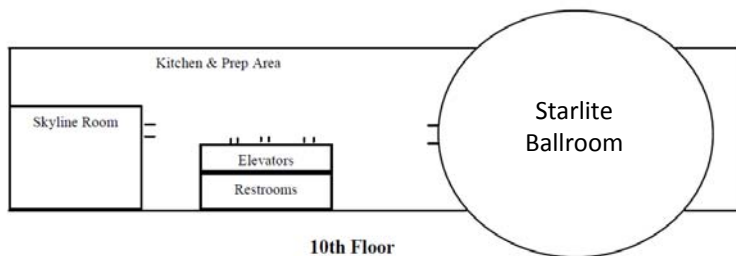
VENDOR BOOTHS in Palisades Rooms I-III

(Table reservation information on registration form)



Attendees can reserve rooms at the Holiday Inn Sioux Falls City Centre Hotel by calling (605) 339-2000. Standard room cost is \$96.00 plus tax. Reservations by attendees must be received by March 18th.

10th Floor - Map of Rooms



2016 SDES 56th Annual Conference: April 6-8

Holiday Inn City Centre, Sioux Falls

Program Agenda

WEDNESDAY, APRIL 6

- 4:00pm-6:00pm Registration: Front Entrance Hall
- 3:00pm-5:30pm SDES Board Meetings: Skyline Room (10th Floor)
- 5:30pm-9:00pm Hospitality Room hosted by Dakota Concrete Pipe Association

THURSDAY, APRIL 7

- 6:30am ASCE Annual Section Meeting – Cascade Room
- 7:00am–1:00pm Registration: Front Entrance Hall

PLENARY SESSION #1 (2 PDHs) Falls East and West

- 8:00am Welcome and Opening Remarks
- 8:10am *Midco® Aquatic Center*
Darin Hage, Journey Group
- 9:00am *Daktronics*
TBD, Daktronics
- 9:50am-10:15am BREAK AND VENDOR EXHIBITS: Palisades I-III

CONCURRENT SESSION A (2 PDHs) Falls West

- 10:15am *The Engineering of a Fire Truck*
Tim Klein, Rosenbauer South Dakota
- 11:05am *Vibration Monitoring*
Doug Hoy, P.E., Sayre Associates

CONCURRENT SESSION B (2 PDHs) Falls East

- 10:15am *Landfill Challenges in the Bakken Oil Patch*
Luke Rodig, F.E., Burns & McDonnell
- 11:05am *Construction Technologies & Machine Grade Control*
Jeff Pearson, Butler Machinery Company

THURSDAY, APRIL 7 – Continued

- 11:55pm-1:40pm **LUNCH: Starlite Ballroom (10th Floor)**
Brian Jenner, P.E. – SDES President
- 12:30 pm **Keynote Speaker - Brian Armstrong, P.E., F.NSPE**
Member of the NSPE Board of Directors
Director of the North Central Region
- 12:50 pm **Installation of New Officers – Brian Armstrong**
- 1:20 pm **Presentation of SDES State Awards**
Brad Ludens, P.E. – SDES State Awards Chair

PLENARY SESSION #2 (2 PDHs) Falls East and West

- 1:45pm **Engineering Solutions to Help Solve Great Challenges**
Shane Swedlund, Raven
- 2:35pm **The Use of Drones in Engineering**
TBD, Frontier Precision

CONCURRENT SESSION C (2 PDHs) Falls East

- 3:45pm **Not Simply a Water Tower Recoating – Sioux Falls Menlo Water Tower**
Greg Anderson, City of Sioux Falls
- 4:35pm **2D or not 2D: Determining Floodplain Impacts Due to Bridge Replacement**
Rocky Keehn, P.E., SEH

CONCURRENT SESSION D (1 PDH) Field Trip

- 3:45pm **Midco® Aquatic Center Construction Site Tour**
Groups will tour the construction site. Bring hard hats, safety vests, safety glasses. A limited amount of PPE will be available for use. No open-toe shoes allowed on the tour. Space on the tour is limited to 60 people. First come, first served (ie., register early).
- 5:25pm **SDES Membership Meeting – Falls East; Brian Jenner, P.E. – SDES President**
- 5:30pm-6:30pm **SOCIAL HOUR & VENDOR EXHIBITS: Palisades I-III**
Cash-bar and hors d'oeuvres available

FRIDAY, APRIL 8 (morning session only)**CONCURRENT SESSION E (2 PDHs) Falls East**

- 8:00am **Minnehaha County Bridge Replacement Structure: Prestressed Inverted-T Girder Bridge with a Composite Cast-in-Place Deck**
Chris Brozik, P.E., Civil Design Inc
- 8:50am **Airborne Electromagnetic Study of the Big Sioux River Aquifer**
Jeff Dunn, P.E., City of Sioux Falls

CONCURRENT SESSION F (2PDHs) Falls West

- 8:00am **Renewable Energy**
TBD, Ultieg
- 8:50am **Concrete Trails and Paths**
Dave Howrey, Howrey Construction
- 9:40am-10:10am **BREAK & VENDOR EXHIBITS: Palisades I-III**

CONCURRENT SESSION G (2 PDHs) Falls East

- 10:10am **Warm Mix Asphalt**
Wes Philips, P.E. & Galyann Huber, City of Sioux Falls
- 11:20am **Sioux Falls Northern Loop, 69 to 115kV Re-Power Project**
Gene Kotz, Xcel Energy

CONCURRENT SESSION H (2 PDHs) Falls West

- 10:10am **SDDOT Major Investment Study**
TBD, HDR
- 11:20am **Big Sioux River Watershed Implementation Project**
Barry Berg, S.D. Assoc. of Conservation Districts
- 12:10pm **Past President's Luncheon – Grill 100 Restaurant**
All past presidents are invited to attend.