Wednesday, April 24, 2019

1:00p - 3:00p Registration - Lake Oahe Lobby
3:00p - 5:00p SDES BOARD MEETING – Lake Sharpe
5:00p - 6:00p Registration - Lake Oahe Lobby
5:30p - 10:00p HOSPITALITY ROOM – Courtyard Area
  Sponsor: Dakota Concrete Pipe Association

Thursday, April 25, 2019

7:00a – 5:00p Registration – Lake Oahe Lobby

General Session #1 – Galleries B & C – 1.0 PDH
8:00a – 8:10a Welcome – Mayor Steve Harding
  □ 8:10a – 8:35a Tom Roberts, PE, NSPE Past President
    “Ethics in Engineering – Part 1”
  □ 8:40a – 9:05a Steve Johnson, PE, SD Department of Transportation
    “Keystone Wye Rehabilitation”

General Session #2 – 1.0 PDH – Concurrent Session A - Amphitheater I
Concurrent Session B - Amphitheater II
9:10a – 10:00a
  □ A Dan Graber, PE, HDR Engineering
    “Sioux Falls Outfall Interceptor Sewer Replacement”
  □ B Mark Radke & David Le, United States Patent & Trademark Office
    “The Role of Engineers as Patent Examiners”

10:00a – 10:25a BREAK & Vendor Exhibits – Lake Oahe Lobby

General Session #3 – 1.5 PDH – Concurrent Session A - Amphitheater I
Concurrent Session B - Amphitheater II
10:30a – 11:20a
  □ A Mike Johnson, PE, HDR Engineering
    “Sioux Falls Parallel Force Main Project”
  □ B Tim Cowman, SD Department of Environment & Natural Resources
    “The Big Sioux River Flood Information System”

11:25a – 12:15p
  □ A Dr. Delvin DeBoer, PhD, PE, AE2S
    “Pierre Water Treatment Plant”
  □ B Leap Chear, AIA, & Shawn Crowley, AIA,
    EAPC Architect Engineers
    “SDSU Raven Precision Agriculture Center”

12:15p – 1:55p LUNCH & Awards – Gallery A
  Keynote Address – U.S. Senator Mike Rounds
  State of NSPE – Tom Roberts, PE, NSPE Past President
  New Officer Installation – Tom Roberts, PE, NSPE Past President
  Awards – Brad Ludens, PE, State Awards Chair

Tour #1 – 1.5 PDH
1:55p - 4:00p US Army Corps of Engineers
  “Oahe Dam Tour”
  Buses load in front of Ramkota promptly following lunch.

General Session #4 – 1.0 PDH – Concurrent Session A - Amphitheater I
Concurrent Session B - Amphitheater II
2:00p - 2:50p
  □ A Cindie McCutcheon, RESPEC
    “Big Sioux River TMDL Updates”
  □ B Rod Senn, PE, KLJ
    “Pierre Regional Airport: FAA Airport Improvement Program and Recent Projects”

Friday, April 26, 2019

7:00a – 7:55a BREAKFAST – Gallery A

General Session #7 – Galleries B & C – 1.5 PDH
8:00a – 8:25a Ryan Koontz, PhD, South Dakota School of Mines and Technology
  “3D Printing Technology”
8:30a – 9:25a Todd I. Mergen, PE, HDR Engineering/South Dakota Air National Guard
  “Engineering in a Deployed Environment”

General Session #8 – .5 PDH – Concurrent Session A - Galleries B & C
Concurrent Session B - Amphitheater II
9:30a – 9:55a
  □ A Kimberly Osberg & Students Fernando Vazques & Hannah Moen,
    South Dakota School of Mines and Technology, Center of Excellence for Advanced Manufacturing & Production (CAMP)
    “Where STEM and Social Sciences Integrate”
  □ B Nathan Nielson, PLS, Banner Associates
    “Drones in Engineering”

10:00a – 10:25a BREAK & Vendor Exhibits – Lake Oahe Lobby

General Session #9 - Amphitheater II – 2.0 PDH
10:30a – 10:55a Brad Palmer, City of Pierre
  “Update on the Pierre Solar Project”
11:00a – 11:25a D. Jonathan Huft, SRAM LLC/Quarq
  “Connected Bicycles”
11:30a – 12:25p Dave Huft, SD Department of Transportation
  “Impacts of Electric, Connected & Automated Vehicles”

12:30p – ???? PAST PRESIDENTS' LUNCHEON - Courtyard
  All Past Presidents are Invited to Attend

A maximum of 10 PDHs are available through this conference, with 9.5 PDHs maximum available to those attending the Oahe Dam Tour.