

2022
NSPE-WI (WSPE)
Virtual Discovery
Conference
***“Today's
Technology
Transforming
Tomorrow's
World”***

March 8, 2022
through
April 21, 2022

VIRTUAL CONFERENCE SCHEDULE: March 2022

| No. | Engineer Discipline | Date | Time (CST) | PDH | Speaker | Presentation Title |
|-----|---------------------|------------------------|---------------|------------|---|--|
| 1a | Ethics | Tues., March 08, 2022 | 12:00-1:00 PM | 1.0 | Rebecca Bowman | Ethics Case Study |
| 1b | AI-Computer | Thurs., March 10, 2022 | 12:00-1:00 PM | 1.0 | Nathan DuPont Joseph Weller Trenton Bower Chip Hennig Julian Singkham | Raider Robotics: Pushing the Boundaries of Competitive Collegiate Robotics |
| 2a | Electrical | Tues., March 15, 2022 | 12:00-1:00 PM | 1.0 | Bulent Sarlioglu | The Electric Vehicle Transition - Supporting Technologies for Delivering Energy to Electric Vehicles |
| 2b | Civil | Thurs., March 17, 2022 | 12:00-1:00 PM | 1.0 | Richard DeSimone Fred Groth | Designing Rockwork Including Structural Back-up Steel for Structures |
| 3a | Environmental | Tues., March 22, 2022 | 12:00-1:00 PM | 1.0 | Emily Read | USGS Water Data for the Nation: Modernizing Access to Water Data |
| 3b | Bio-Medical | Thurs., March 24, 2022 | 12:00-1:00 PM | 1.0 | Dr. Gul Sadiq Afshan | Bio-molecular Engineering – The force is within you! |
| 4a | Civil | Tues., March 29, 2022 | 12:00-1:00 PM | 1.0 | Jordan Komp | Challenges in Designing and Constructing the World's Tallest Mass Timber Tower (Ascent) in Milw., WI |
| 4b | DSPS & Legislative | Thurs., March 31, 2022 | 12:00-1:00 PM | <u>1.0</u> | DSPS Secretary Crim Glen Schwalbach | DSPS & NSPE-WI Legislative Updates |
| | | | Total PDH's | 8.0 | | |

Please circle PDH hour noting course you attended along with initial under. Conference organizers recommend that in addition to this brochure, retain any session handouts or personal notes. DSPS rules indicate that they can request this information to confirm attendance and content of PDH sessions in case of audit.

By my signature, I attest that I attended the above circled PDH hour marked sessions in their entirety and qualify for the PDH's assigned.

Printed Name: _____

Total PDH's Earned for Sessions Attended _____

Signature: _____

VIRTUAL CONFERENCE SCHEDULE: April 2022

| No. | Engineer Discipline | Date | Time (CST) | PDH | Speaker | Presentation Title |
|--------------|-----------------------|------------------------|---------------|------------|---|---|
| 5a | Mfg-Elect/Mech | Tues., April 05, 2022 | 12:00-1:00 PM | 1.0 | Chris Veley | A Magnet is Not Just A Magnet How Old Technology Becomes New Again |
| 5b | Materials- Mech | Thurs., April 07, 2022 | 12:00-1:30 PM | 1.5 | Nick Schmidtke | State of the Industry: Advances in 3D Printing Materials and Applications |
| 6a | Civil | Tues., April 12, 2022 | 12:00-1:30 PM | 1.5 | Fred Groth Justin Stuchlik Jake Ehmke Tim Jordan Jeremy Neefe | Van Hise Precast Panel Failure in April 2021 and Removal & Replacement of 68 Precast Panels |
| 6b | Fluid Dynamics | Thurs., April 14, 2022 | 12:00-1:00 PM | 1.0 | Brandon Donnelly | Fluid Dynamics Applications and Case Studies: Developing a COVID-19 Intubation Chamber |
| 7a | Ethics | Tues., April 19, 2022 | 12:00-1:00 PM | 1.0 | Rebecca Bowman | Ethics in Alternative Dispute Resolution |
| 7b | Tech/Social Impact | Wed., April 20, 2022 | 12:00-1:00 PM | 1.0 | Smita Bhattacharjee Jessica Xu | Low Tech, High Impact: Leveraging Practical Tech for Inclusive Community Based Design |
| 7c | Civil | Thurs., April 21, 2022 | 12:00-1:00 PM | <u>1.0</u> | Laura Hasburgh, PhD, PE | Char rates for Glulam Columns Exposed to a Standard Fire for Three Hours |
| Total PDH's: | | | | 8.0 | | |

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Printed Name: _____

Total PDH's Earned for Sessions Attended _____

Signature: _____