

2017-18 Engineering Exploring Session Schedule

DATE	COMPANY, ADVISOR, TITLE & SESSION DESCRIPTION	FOCUS OF SESSION
10/10/17:	S.E.H. Inc., <u>Jeremy Tomesh</u> , PE, Sr. Professional Engineer -> Landfill frontage road and entrance project tour, road design activity	<i>Civil Site & Transportation Engineering</i>
10/24/17:	Wisconsin DNR, <u>Marty Herrick</u> , Environmental Engineer -> Soil infiltration rate and permeability	<i>Environmental Engineering</i>
11/14/17:	Marshall Technical Services, <u>Dave Foye</u> , Electrical Engineer -> Robotics engineering, software engineering, and project planning	<i>Software & Robotics Engineering</i>
11/28/17:	Davy Engineering Co., <u>Mark Davy</u> , VP Davy Engineering -> Aeration, coagulation, sedimentation, filtration, and disinfection	<i>Civil Engineering</i>
12/12/17:	City of La Crosse, <u>Jared Greeno</u> , WWTP Superintendent SPECIAL LOCATION: MEET AT LA CROSSE WASTEWATER TREATMENT PLANT 905 Joseph Houska Dr., La Crosse, WI (enter the plant on the Mississippi River side, entrance on the north side near the flag pole) -> Wastewater Treatment Plant Tour followed by activity on how to conduct a TSS test or Ortho Phosphorus test	<i>Water & Wastewater Engineering</i>
01/09/18:	Xcel Energy, <u>Dave Loberg and Josh Johnson</u> , Mechanical Engineers SPECIAL LOCATION: MEET AT XCEL ENERGY 200 Bainbridge Street, LaCrosse, WI 54603 -> Tour of steam plant and RDF processing plant followed by activity on how to solve a mechanical motor problem.	<i>Mechanical Engineering</i>
01/23/18:	Gundersen Health System, <u>Jeff Rich</u> , Executive Director, GL Envision SPECIAL LOCATION: MEET AT GUNDERSEN LA CROSSE CAMPUS Ross Conference Rm, Clinic Entrance 1900 South Avenue, La Crosse, WI. Park in the "Green" lot at the corner of South Ave and 7th Street -> Gundersen's energy/sustainability program & tour the Biomass combined heat & power project	<i>Industrial, Mechanical, & Chemical Engineering</i>
02/13/18:	Trane, <u>Nao Tsumagari, Kris Knickrehm, Caitlin Bohnert</u> SPECIAL LOCATION: MEET AT Trane Technology Center, 2213 South 20th Street, La Crosse, WI 54601 Upon arrival, park in any empty spot, and come to the lobby through the main entrance behind flag posts. Everybody will meet in the lobby first.	<i>Software & Systems Engineering</i>
02/27/18:	Mathy Corporation, <u>Engineer TBD</u> SPECIAL LOCATION: MEET AT MATHY CONSTRUCTION, 915 Commercial Court, Onalaska, WI -> Activity will be hands-on mix designs of aggregate and liquid asphalt.	<i>Chemical, Material Science, & Civil Engineering</i>

- 03/13/18:** **Trane, Engineer TBD, contact is Nao Tsumagari** *Product Development Engineering*
SPECIAL LOCATION: MEET AT Trane Technology Center, 2213 South 20th Street, La Crosse, WI 54601
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Session 1 of 2 - Customer requirements to Engineering requirements
- 03/27/18:** **Trane, Engineer TBD, contact is Nao Tsumagari** *Product Development Engineering*
SPECIAL LOCATION: MEET AT Trane Technology Center, 2213 South 20th Street, La Crosse, WI 54601
Upon arrival, park in any empty spot, and come to the lobby through the main entrance behind flag posts. Everybody will meet in the lobby first.
Session 2 of 2 - Engineering requirements to Product development
- 04/10/18:** **S.E.H., Michael Nied, Professional Engineering** *Environmental Engineering*
-> Miniature storm water pond design
- 04/24/18:** **Torrance Casting, John Torrance, President** *Metallurgical Engineering*
SPECIAL LOCATION: MEET AT Torrance Casting, 3131 Commerce Street, La Crosse, WI
Go to 2nd Entrance which is the North Entrance
-> Foundry in a Box Activity
- 05/08/18:** **S.E.H. Inc., Brian Kent, Principal/Project Manager at SEH** *Mechanical Engineering*
-> Extraction and Testing of Gases
- 05/22/18:** **Dairyland Power Cooperative, Randy Baranczyk / Mike Weir** *Electrical Engineering*
-> Planning Engineering Activity