

MONDAY, AUGUST 6, 2018	
8 a.m. - 5 p.m.	Registration - Foyer
9 a.m. - noon	Central Area Board of Trustee Meeting - Fedora II
8 a.m. - 1:30 p.m.	Exhibit Hall Set-Up - Windsor Ballroom
1:30 - 6 p.m.	Exhibits Open - Windsor Ballroom
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"> CP & Coatings - Windsor X Chairman: Aaron Reis, Northern Natural Gas </div> <div style="width: 45%; text-align: center;"> Fundamentals & Misc - Windsor VII Chairman: Ed Hatter, Black Hills Energy </div> </div>
1:30 - 2:20 p.m.	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"> Casings Testing and mitigation of installed casings. <i>Presented by: Eric Langelund, Pipeline and Corrosion Specialists</i> </div> <div style="width: 45%; text-align: center;"> Olympic Trials Discussion of the opportunities and challenges of bringing sports to Omaha. <i>Presented by: John Todd, Omaha Sports Commission; Martie Cordaro, Omaha Storm Chasers; Amy Hornocker, College World Series</i> </div> </div>
2:20 - 2:40 p.m.	Coffee Break - Windsor Ballroom
2:40 - 3:30 p.m.	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"> Coating Failure Ryan talks about coating failure whys. <i>Presented by: Ryan Swor, Lake Superior Consulting</i> </div> <div style="width: 45%; text-align: center;"> Professional Responsibilities This ethics presentation will briefly review the NACE Code of Ethics, outline common areas invoking ethical considerations, and profile a few legal cases putting engineering ethics on trial. <i>Presented by: Doug Law, Black Hills Energy</i> </div> </div>
3:40 - 4:30 p.m.	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"> Direct Assessment Topic <i>Presented by: Bryan Evans, POND</i> </div> <div style="width: 45%; text-align: center;"> Offutt Attendees will learn about the worldwide mission of providing dominant intelligence, surveillance, reconnaissance; electronic attack; command and control; and precision awareness to national leadership and warfighters across the spectrum any time, any place. In addition, they get an update on current events at Offutt and have an opportunity to ask questions. <i>Presented by: Col. John Morton, 55th Mission Support Group Commander</i> </div> </div>
5 - 6 p.m.	Happy Hour in Exhibit Hall - Windsor Ballroom
6 - 10 p.m.	StormChaser Baseball - Werner Park Transportation Provided - Buses will leave hotel at 6:15 p.m. Dinner and Drinks provided - arrival until 8 p.m. Ball game - 7:05 p.m. until approx. 10 p.m.
TUESDAY, AUGUST 7, 2018	
8 a.m. - 5:30 p.m.	Registration - Foyer
9:30 a.m. - 7:30 p.m.	Exhibits Open - Windsor Ballroom
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"> CP & Coatings - Windsor X Chairman: Aaron Reis, Northern Natural Gas </div> <div style="width: 45%; text-align: center;"> Fundamentals & Misc - Windsor VII Chairman: Ed Hatter, Black Hills Energy </div> </div>
8:30 - 9:20 a.m.	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"> Wax Coating Systems for Metal Pipe & Fittings The talk will discuss the application of wax wraps and hot wax onto above and below-ground pipe/fittings. <i>Presented by: Frank Rampton, Trenton</i> </div> <div style="width: 45%; text-align: center;"> Cyber Security The FBI will be discussing current cyber threats attacking both businesses and individuals. These attacks include cyber threats from criminals, nation state actors, terrorists, and insiders. The FBI will also discuss ways in which we can lessen our vulnerability of being compromised and losing data. <i>Presented by: Ken Schumtz, FBI, Omaha Division</i> </div> </div>
9:30 - 10:20 a.m.	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"> Enhanced Corrosion Management The pipeline Enhanced Corrosion Management Analysis (ECMA) was conducted over a gas transmission pipeline that experienced considerable external metal loss after a relative short time of operation. Pipeline historical and current data: pipe design, construction, soil, corrosion control, monitoring, inspection and operational were reviewed and, together with in line inspections (ILI) data, aligned to aboveground surveys and compared to field excavation results. The ECMA methodology proved to be a cost-effective approach to determine the technical root causes of the external metal loss found on the pipe. Mitigation was developed to address the main factors contributing to the external metal loss and adequate short, mid and long term action plans were established. <i>Presented by: Angel Kowalski</i> </div> <div style="width: 45%; text-align: center;"> Active Shooter <i>Presented by: Greg Hollingsead, Department of Homeland Security</i> </div> </div>

10:20 - 11 a.m.	Coffee Break - Windsor Ballroom	
11 - 11:50 a.m.	AC Fault Touch & Step Voltage Exposures & Modeling Mike discusses the isolation method for complicated facilities. <i>Presented by: Mike Tachick, Dairyland Electric</i>	GIS <i>Presented by: Dave Updike, Black Hills Energy</i>
noon - 1 p.m.	Lunch - Windsor Ballroom	
1 - 1:50 pm	PHMSA Accident Investigation Division Brian talks about the new investigation division of PHMSA. This is the department that will investigate pipeline incidents and accidents. Learn more about them and their mission. <i>Presented by: Brian Pierzina, PHMSA</i>	Failure Analysis of Corrosion Artifacts for Litigation <i>Presented by: Dana J. Medlin, EAG Laboratories, Inc.</i>
2 - 2:50 p.m.	A Practical Approach to AC Mitigation What you really need to consider with regard to modeling and implementation. <i>Presented by: Ted Christensen</i>	Overview of Microbiological Influenced Corrosion Learn about the microorganisms that contribute to MIC <i>Presented by: Brenda J. Little, PhD, Consultant</i>
2:50 - 3:30 p.m.	Coffee Break - Windsor Ballroom	
3:30 - 4:20 p.m.	Interference Eric discusses the challenges of identifying and mitigating interference caused by other cathodic protection systems. <i>Presented by: Eric Langelund, Pipeline and Corrosion Specialists</i>	Corrosion Rate Monitoring in Pipeline Casings It is a "vendor agnostic" overview of how remote monitoring systems can be used for monitoring the corrosion rate, as well as the structure to reference potentials for both the casing and the carrier pipe (in order to detect electrolytic or metallic shorts). <i>Presented by: Jamey Hilleary, Elecsys Corp.</i>
4:30 - 5:20 p.m.	Correlation of Corrosion Phenomena - USS Arizona Dr Johnson dicusses protecting historical artifacts. <i>Presented by: Donald L. Johnson / Dana J. Medlin</i>	Integrity Management Gary provides the "why" of integrity management. <i>Presented by: Gary Krichau, Northern Natural Gas</i>
5:30 - 7:30 p.m.	Exhibit Hall Opening Reception - Windsor Ballroom	
WEDNESDAY, AUGUST 8, 2018		
8 - 10 a.m.	Registration - Foyer	
8 - 8:30 a.m.	Continental Breakfast - Windsor Ballroom	
8 - 10:30 a.m.	Exhibits Open - Windsor Ballroom	
	CP & Coatings - Windsor X Chairman: Aaron Reis, Northern Natural Gas	Fundamentals & Misc - Windsor VII Chairman: Ed Hatter, Black Hills Energy
8:30 - 9:20 a.m.	Close Interval, Troubleshooting 1 Learn how to conduct close interval surveys for best results <i>Presented by: Ryan Swor, Lake Superior Consulting</i>	Communication Styles <i>Presented by: Jamie Hansen, M.S., LPC, Alloy Solutions, LLC</i>
9:30 - 10:20 a.m.	Close Interval, Troubleshooting 2 Learn what the close interval survey data is showing. <i>Presented by: Ryan Swor, Lake Superior Consulting</i>	Information Security: Personal and Business Implementations of the Cyber Top 20 Controls <i>Presented by: Warren Fish, TEKsystems</i>