

SGA Advanced ILI Workshop
April 30 to May 3, 2024
Eastern Time Zone

The general schedule is below. Note that times are approximate as it is difficult to anticipate time for questions, if speakers need some extra time, and class preference for breaks. The schedule has 15 minutes between speakers; for longer sessions, breaks are at the discretion of the speaker.

Day 1, Tuesday, April 30, 2024 (8:00 to 5:00 EDT)

Coffee and Continental Breakfast provided

8:00-8:15 am	Introduction (<i>Bruce Nestleroth</i>)
8:15-9:30 am	Pipeline Threats and Defects (<i>Mike Rosenfeld</i>)
9:45-10:45 am	Advanced Bore Diameter Measurement (<i>Matt Romney</i>)
11:00-Noon	Advanced Inertial Tools and Pipeline Mapping (<i>McKenzie Kissel</i>)
12:00 -1:00 pm	Lunch provided
1:00-5:00 pm	Magnetic Flux Leakage (<i>Bruce Nestleroth</i>) MFL for Metal Loss MFL for Other Defects (cracking, hard spots, and mechanical damage)

Day 2, Wednesday May1, 2024 (8:00 to 5:00 EDT)

Coffee and Continental Breakfast provided

8:00-9:30 am	Data Analysis – Geometry and MFL Data Interpretation (<i>Matt Ellinger</i>)
9:45-10:30 am	Growth Prediction & Probability of Exceedance (<i>Matt Ellinger</i>)
10:45am-noon	Metal Loss Defect Analysis, including Defect Interaction (Tom Bubenik)
12:00pm-1:00pm	Lunch provided
1:00-3:00 pm	In-the-Ditch Verification Techniques for Metal Loss, (Lucinda Smart) Measurement methods: Pit gages, laser scanners and more. Comparison of the accuracy of various the tools used in-ditch, Data alignment and correlation considerations from ILI to in-ditch The importance of considering all sources of error Measuring corrosion (hands on exercise using pit gages). Assessment of the accuracy of "Field Technician (e.g. Attendees)" data
3:15-5:00 pm	Validation of ILI results using API 1163 guidance (Tom Bubenik) With classroom exercises. Bring your laptops.

Day 3, Thursday May 2, 2024 (8:00 to 5:30 EDT + hosted dinner)

Coffee and Continental Breakfast provided

8:00-9:00 am	Other ILI Systems for Metal Loss (Ultrasonic & Acoustic Resonance) (Bruce Nestleroth)
9:00-10:00 am	Cracking Threats (Tom Bubenik) and Longitudinal Seam Anomalies (Bruce Nestleroth)

Travel to ROSEN. Bus leaves DNV at 10:10 arrive to arrive At ROSEN about 10:30.

Driving Discouraged as parking is limited

10:30am-12:00pm	Inspection of Challenging Pipelines (Stefan Vages)
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12:00-12:45 pm	Lunch provided at ROSEN
12:45-2:45 pm	Advanced ILI Techniques for Linear Threats (Anne Schniederbruns)
3:00-3:45 pm	ILI tools for cracking – Tour of ROSEN's facility (Miguel Irigoyen)
4:00-5:30 pm	Pipe Material property Verification from an ILI Perspective (<i>Simon Slater</i>)
6:00	Dinner hosted by ROSEN.

Day 4, Friday May 3, 2024 (8:00 am to 12:15pm EDT)

Coffee and Continental Breakfast provided

8:00-9:00 am	In-the-Ditch Verification Techniques for Cracking (Bruce Nestleroth)
9:15-10:15 pm	Cracking Analyses (Tom Bubenik)
10:30-11:30 pm	Crack Management (Tom Bubenik)
11:30 am-12:15 pm	Things to Consider After You Get the Pigging Report (Tom Bubenik)