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Date:

January 27, 2026

Location:

Zio Fraedo's Restaurant 611
Gregory Lane Pleasant Hill,
CA 94523

Schedule:

No Host Bar: 5:30 pm

Dinner: 6:15 pm

Program: 7:00 pm

Cost:

\$35.00 per person for AMPP Members & guests

Please help us with our planning! *** RSVP EARLY ***

Register by: Friday, January 23, 2026

Topic: Using 3D Optical Scanner for Measurement of Localized External Corrosion in the Field

NINOX 360 will present **Surface Inspector**, a small, handheld tool designed for fast, traceable measurement of localized external corrosion in the field. Surface Inspector automatically identifies the **corrosion bottom (deepest point)**, depth, contour, and affected area, and outputs results directly into integrity assessments such as **ASME B31G** for burst-pressure evaluation. It is a better pit gauge which provides onboard analysis capability.

This talk will cover:

- How it works
- Where the tool performs well and where it does not
- How inspectors use it
- Performance results from blind testing and studies conducted with support from **Chevron, PRCI, and CAN-USA**

The session will conclude with a **live demonstration**.

Surface Inspector is currently being used or tested in **refineries, offshore facilities, and gas pipeline environments**.

Speaker: Peter Abeles – President, Ninox 360 LLC.

Peter Abeles is President of Ninox 360 and has over 20 years of experience in robotics, computer vision, and applied industrial R&D, with a focus on deploying measurement and automation systems in safety-critical environments. In 2021, he founded NINOX 360 to improve the effectiveness and traceability of inspection and quality-control workflows. His prior work spans manufacturing at Tesla, aerospace systems at Lockheed Martin, autonomous systems at Argo AI, and field-deployed inspection and preflight technologies at Zipline, as well as multiple DARPA and government-funded research programs.

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If you need more information, please email us at: info@ampp-norcal.org, or contact any officer