

Please Join Us... **January 9th**, 2018

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Date

Location

Tuesday, January 9th

Zio Fraedo's Restaurant

611 Gregory Lane, Pleasant Hill, CA.
(925) 933-9091

Time: No Host Bar 5:30 pm • Dinner 6:30 pm • Program 7:15 pm

Cost: \$10 NACE members, NACE retirees, and attendee's.

Please RSVP by Thursday, Jan. 4th by email to Michelle Anderson at MichelleA@accuratecorrosion.com, or by phone at (925) 719-1285.

Cancellation deadline is Friday, January 5th.

Visit the Section Website at www.nace-sf.org

Title: **Electrochemistry and Metallurgy of Stress Corrosion Cracking**

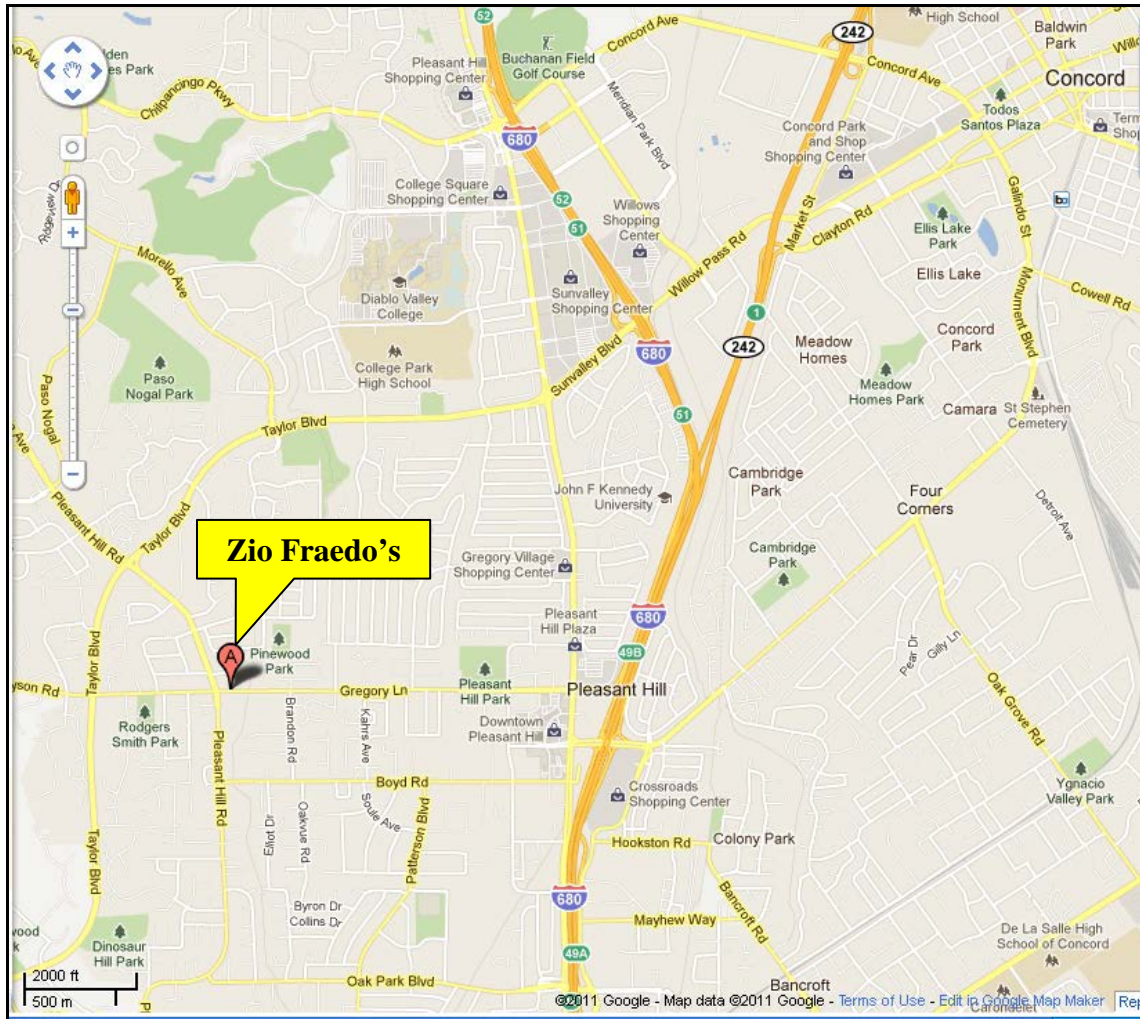
Abstract: Let's take a magical journey underground and observe what happens when a pipeline laid in 1954 develops SCC 50 years later. We will have the ability to "see" the pH, pipe-to-soil potentials, chemical reactions, coating conditions, and operational temperatures and stresses as the years progress. General SCC topics including history, mechanisms, and basic metallurgy and electrochemistry will be presented. We will even cover crack initiation and propagation, residual stresses, and mitigation strategies.

Biography: Michelle has been passionate about corrosion since middle school. In high school, she became the first high school member to join NACE and graduated from the Colorado School of Mines with a degree in Metallurgical and Materials Engineering. She spent her college summers interning with different corrosion jobs, but enjoyed field work the best. After college, she spent 10 years as a pipeline engineer, corrosion engineer, project manager, and metallurgy/chemistry lab supervisor with El Paso Corporation (now Kinder Morgan). For the past six years, Michelle has been on the contractor side and is now a corrosion engineer with Accurate Corrosion.

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Corrpro	MAXADAPTER	West Coast Consulting
CSI Services		

San Francisco Bay Area Section Meeting Location and Directions



Zio Fraedo's Restaurant, 611 Gregory Lane, Pleasant Hill, CA. 925-933-9091

Directions

- Take I-680 north to Contra Costa Blvd. Exit 49A in Pleasant Hill and drive north. Pass Monument Blvd. then turn left onto Gregory Lane. Pass Brandon Rd. on left in 1 mile. Look for Zio Fraedo's on the right just before Pleasant Hill Rd.
- Take I-680 south, exit at Sun Valley/Willow Pass Rd. Drive west and turn left on Contra Costa Blvd., then right on Gregory Lane. After 1 mile drive past Brandon Rd. on the left; Zio Fraedo's will be on the right before Pleasant Hill Rd. intersection.