

Join Us... November 11, 2014 on Veterans Day

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Date	Location
Tuesday, November 11th	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: \$15 NACE members, NACE retirees and students
\$25 non-members

Please RSVP by Thursday, November 6th by email to Michelle Anderson at mlanderson@corrpro.com, or by phone at (510) 381-1414.

To insure affordable gatherings, please plan to pay the dinner fee when you attend the no-host bar portion of our program. Cancellation deadline is Friday, November 7th.

Location / Directions: Please see attachment "Meeting Location"

Advanced AC Corrosion Detection and Monitoring

Dale Lindemuth, P.E.
Corrpro Companies, Inc.

This presentation will cover alternating current (AC) influenced corrosion of pipelines caused by overhead high voltage AC power lines. The current state of the art will be reviewed including standards development and the results of research sponsored by Pipeline Research Council International (PRCI). The interaction between cathodic protection and other direct current effects on AC corrosion will be addressed. The use of precision electrical resistance (ER) corrosion rate probe technology for this application will be discussed, including remote detection of AC corrosion, and to help in the development of a suitable mitigation strategy. Field examples will be shared.

Dale Lindemuth is Corrpro's Director of Engineering based in Houston. He has a B.S degree in electrical engineering from Drexel University in Philadelphia, is a registered professional engineer, and is certified by NACE International as a corrosion specialist and a cathodic protection specialist. Dale has 36 years corrosion control engineering experience with emphasis in DC transit stray current control, high voltage AC power line stray current mitigation, electrical grounding, and corrosion control for the regulated pipeline and water/wastewater industries including condition assessments and pipeline integrity. Dale's practical hands-on experience has included that of an operator, a consultant, a construction manager, and a contractor.



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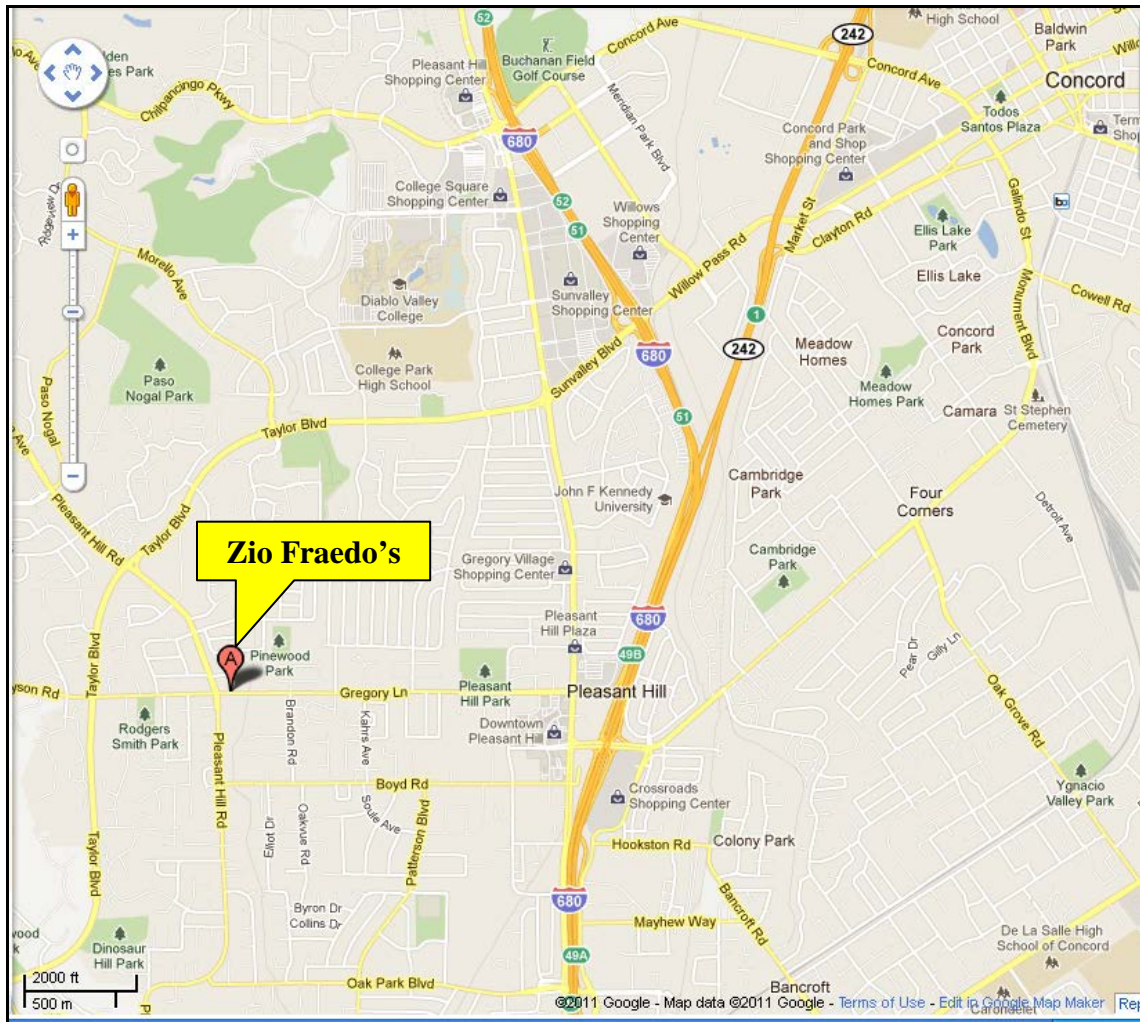


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Zio Fraedo's Restaurant, 611 Gregory Lane, Pleasant Hill, CA. 925-933-9091

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.