



Join Us... November 12, 2013

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Date	Location
Tuesday, November 12th	Zio Fraedo's Restaurant 611 Gregory Lane, Pleasant Hill, CA. (925) 933-9091

Time: No Host Bar 5:30 pm • Dinner 7:00 pm • Program 7:45 pm
Cost: \$15 NACE members, \$25 non-members
\$10 students and retirees

Please RSVP by Friday, November 8th 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.

Meeting Location / Directions: Please see attachment

Aging Infrastructure Asset Evaluation Using Advanced Pipe Condition Assessment Technologies

Ankit Vajpayee, M.Sc., P.E. Russell Group of Companies

Explore Non-Destructive Testing (NDT) and its benefits with Ankit during our next program. Learn why globally, one-third of our filtered, chlorinated and pumped water never reaches its destination and how proactively performing preventative maintenance (Direct Condition Assessment – DCA) using advanced electromagnetic In-Line Inspection (ILI) Technologies can reduce the risk of failure in aging pipelines.

Most cast iron, ductile iron and steel pipelines globally are at, or nearing their design life. Leaks and failures are daily occurrences and often lead to major damage, injuries and sometimes casualties. Statistics show that the world average leakage rate of treated, potable water is over 32%!

NDT has been Ankit's passion area since college and he brings a wealth of knowledge and experience while discussing the basic principles of the technology, its deliverables and describes several case studies where it has been successfully used to do Direct Condition Assessment (DCA) of raw water, potable water and waste-water pipelines.

Ankit Vajpayee is an Asset Integrity Applications Specialist and Technology Director for the Russell Group of Companies, Canada.

Ankit has a Bachelors and Masters Degree in Mechanical Engineering, and is a registered Professional Engineer in Alberta, Canada. He is an active member of Non Destructive Testing (NDT) Societies in the USA, Canada, Russia, Colombia and India and holds credentials (Level II) in Electromagnetic Inspection Techniques (ECT & RFT). His primary focus is providing advanced inspection solutions in these global industries: water, waste water, oil/gas, pulp/paper, electricity/power and chemical/fertilizer. Ankit has authored more than 30 technical articles and delivered 50+ conference presentations, has conducted NDT training courses worldwide, and has performed application feasibility studies on six continents. He speaks English, Russian, Ukranian, and Hindi.