

# Material Selection Criteria for Petroleum Refining Processes

Presenters:



**Bart Tarleton** is the Group leader of Metallurgy and Welding Engineering at Fluor's Houston office in Sugarland, Texas. He is a Principal Engineer with over 10 years experience in metallurgy, welding, and corrosion engineering in the refining and petrochemical industries.



**Terry Phillips** retired from Fluor Corporation in August 2006. He was the Director of Metallurgy and Welding for the Sugar Land, Texas Fluor office from 1998 to 2006. Terry has over 36 years experience in the refinery and nuclear industries, and he was responsible for material selection and welding at Fluor. Terry was chairman of the NACE 8X194 rewrite committee for "Materials and Fabrication Practices for New Pressure Vessels Used in Wet H<sub>2</sub>S Refinery Service" and is a member of the ASME Section VIII and II work group on toughness.



**Sastry Cheruvu** is a Principal Metallurgical and Welding Engineer working at Fluor in Sugar land, Texas with 29 years of experience in down stream refining and upstream off-shore production. His experience includes corrosion, metallurgy and failure analysis. Sastry has presented multiple papers at Corrosion conferences and is an accredited NACE Corrosion Specialist.



**Gordon Kallenberg** is a Metallurgical and Welding Engineer for Fluor in Sugarland, Texas. Gordon has over 35 years of experience in the oil and gas, refinery, chemical, and power industries. He has authored more than 10 technical articles and was the chairman of the NACE 2005 "Current Issues in High-Temperature Materials" symposia.