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1998 NPRA ANNUAL MEETING

March 15-17, 1998
San Francisco, CA

- _____ **AM-98-04 A REVIEW OF THE COMPETITIVE DYNAMIC IN THE DOWNSTREAM BUSINESS AMID TRANSFORMATION CHAOS** - Dr. Calvin B. Cobb, and James A. Dudley, Ernst & Young/Wright Killen
- _____ **AM-98-05 DOWNSTREAM MERGERS AND ACQUISITIONS: IS THERE REALLY A POT OF GOLD AT THE END OF THE RAINBOW?** - Stephen F. Venner, Bonner & Moore Associates, Inc.
- _____ **AM-98-06 ELECTRIC POWER SUPPLY STRATEGIES FOR PETROLEUM REFINERS** - William P. Ruwe, Jr., Muse, Stancil & Co.
- _____ **AM-98-07 REFINERS AS INDEPENDENT POWER PRODUCERS** - Henry J. Somerville, Foster Wheeler Power Systems, Inc.
- _____ **AM-98-08 GASOLINE, THE ENVIRONMENT AND ECONOMICS** - J. Sood, George M. Rose, American Clean Fuels Company LLC, and K. Rahkamo, Neste MTBE
- _____ **AM-98-09 THE AQUACONVERSION™ PROCESS: A NEW APPROACH TO RESIDUE PROCESSING** - Edward J. Houde, Gregory Thompson, UOP LLC, Roger Marzin, Pedro Pereira, PDVSA Intevap and Mike McGrath, Howard Feintuch, Foster Wheeler USA Corporation
- _____ **AM-98-10 FLEXTEC™: A NEW FCC PLATFORM FROM ENGLEHARD** - Bruce A. Lerner, Engelhard Corporation
- _____ **AM-98-11 SUPPRESSING FCC GASOLINE OLEFINICITY WHILE MANAGING LIGHT OLEFINS PRODUCTION** - Raymond Mott, Terry Roberie, and Xinjin Zhao, Grace Davison
- _____ **AM-98-12 NEW FCC CATALYST COOLER TECHNOLOGY** - Ting Y. Chan, Dalip S. Soni, ABB Lummus Global Inc. and Zhang Fuyi, Luoyang Petrochemical Engineering Corporation/SINOPEC
- _____ **AM-98-13 ENHANCEMENT OF NICKEL PASSIVATION EFFECTIVENESS BY THE USE OF SMALL PARTICLE SIZE ANTIMONY PRODUCTS** - Bernard C. Groce, BetzDearborn Hydrocarbon Processing Group
- _____ **AM-98-14 LYONDELL-CITGO REFINING COMPANY AND CRITERION CATALYST COMPANY L.P. - A QUALITY PARTNERSHIP FOR THE FUTURE** - Joanne Langston, LYONDELL-CITGO Refining Company, and Liz Allen, Joy Sharp, Gerald Waldron, Criterion Catalyst Company L.P.
- _____ **AM-98-15 THE COST OF CONTROLLING AIR EMISSIONS GENERATED BY FCCU'S** - Kevin R. Gilman, Hugues B. Vincent, and Thomas F. Walker, BELCO Technologies

- _____ **AM-98-16 DEVELOPMENTS IN MAGNACAT™ TECHNOLOGY** - Tiffin E. Johnson, Terry L. Goolsby, Michael A. Silverman, The M.W. Kellogg Technology Company, Dennis C. Kowalczyk, Refining Process Services and Howard F. Moore, Marathon Ashland Petroleum LLC
- _____ **AM-98-17 MEETING CHANGING GASOLINE SPECIFICATIONS AND VARIABLE PROPYLENE AND BUTYLENE DEMAND THROUGH THE USE OF ADDITIVES** - G. Andrew Smith, and Martin Evans, INTERCAT
- _____ **AM-98-18 MAXOFIN™: A NOVEL FCC PROCESS FOR MAXIMIZING LIGHT OLEFINS USING A NEW GENERATION OF ZSM-5 ADDITIVE** - Phillip K. Niccum, Rik B. Miller, Alan M. Claude, Michael A. Silverman, The M.W. Kellogg Technology Company, and Nazeer A. Bhore, Ke Liu, Girish K. Chitnis, Stephen J. McCarthy, The Mobil Technology Company
- _____ **AM-98-19 A POST AUDIT OF THE NEW MOBIL/M.W. KELLOGG CYCLOFINES™ THIRD STAGE SEPARATOR** - Michael Raterman, Girish K. Chitnis, Tim Holtan, The Mobil Technology Company, and B. Karl Bussey, The M.W. Kellogg Company
- _____ **AM-98-20 LARGE-SCALE HYDROGEN PRODUCTION USING THE TOPSØE REFORMING TECHNOLOGIES** - Sandra Winter Madsen, and Jørgen N. Gøl, Haldor Topsøe A/S
- _____ **AM-98-21 MAXIMIZING PROFITABILITY THROUGH COMBINED OPTIMIZATION OF FEED HYDROTREATING AND FCC UNIT OPERATION** - Joseph McLean, Engelhard Corporation, and Jean Pierre Peries, Paul W. Vance, Acreon Catalyst
- N/A **AM-98-22 THIRD GENERATION HIGH CAPACITY CHLORIDE REMOVAL FROM CATALYTIC REFORMER PRODUCT STREAMS** - Gerard B. Hawkins, ICI Katalco
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- _____ **AM-98-27 BIOLOGICAL TREATING OF SULFUR-CONTAINING WASTE STREAMS** - Blaise J. Arena, H. N. Robson, UOP LLC, André L. deVegt, Paques, Inc. and Cees J. N. Buisman, Paques Bio Systems B.V.

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- _____ **AM-98-33 MAKING THE CONNECTION BETWEEN COMPUTER-BASED TRAINING AND ELECTRONIC DOCUMENT MANAGEMENT SYSTEMS TO COMPLY WITH OSHA PSM REQUIREMENTS** - James Webb, Warren-Forthought, Inc.
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Pavel, and Frank J. Elvin, Coastal Catalyst Technology, Inc.

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- _____ **AM-98-45 MEETING THE PROFITABILITY CHALLENGE: BEST PRACTICES IN THIRD PARTY LOGISTICS MANAGEMENT** - J. Stephen Hamilton, Leaman Logistics and Frank Erzinger, The Southwest Consulting Group
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- _____ **AM-98-50 THE ISAL™ PROCESS: A REFINER'S OPTION TO MEET RFG SPECIFICATIONS** - José Armando Salazar, Nelson P. Martínez and José A. Pérez, PDVSA - INTEVEP
- _____ **AM-98-51 HOW TO MAKE ALKYLATE WITHOUT AN ACID ALKYLATION UNIT - ISOETHER 100 - AN EXTENSION OF ISOETHER DIMERIZATION/ETHERIFICATION PROCESS** - Roberto Trotta, Mario Marchionna, Marco Di Girolamo, Ermanno Pescarollo, Snamprogetti S.p.A., and Michael J. Hyland, Snamprogetti USA
- _____ **AM-98-52 TRANSPORTATION FUEL COMPOSITION, A 21ST CENTURY INSIGHT** - George H. Unzelman, HyOx Inc.
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- _____ **AM-98-55 A MANAGEMENT PERSPECTIVE ON RISK MANAGEMENT PLANNING** - David W. Jones, EQE International
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TRICAT GmbH and G. Karl Semper, TRICAT, Inc.

_____ **AM-98-60 HYDROGEN AND UTILITY SUPPLY OPTIMIZATION-** Goutam H. Shahani, Leo J. Garodz, Kevin J. Murphy, William F. Baade, Air Products and Chemicals, Inc., and P. Sharma, KTI

_____ **AM-98-61 COMBINED PRODUCTION OF HYDROGEN AND METHANOL FOR MTBE ON A REFINERY** - Jim Abbott, ICI Katalco

_____ **AM-98-62 A FINANCIAL ANALYSIS FOR THE RECOVERY OF HIGH PURITY PROPYLENE FROM REFINERY LPG** - R.E. (Ed) Palmer, Sachin Nijhawan, and Debra Andrzejewski, Mustang Engineers and Constructors, Inc.

_____ **AM-98-65 GOVERNMENT RELATIONS PANEL: ENVIRONMENTAL POLITICS AND ENERGY POLICY** - Gasoline Sulfur: A New Challenge for U.S. Refiners, Clint Ensign, Sinclair Oil Corporation

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