

Practical Advances in Petroleum Processing

Volume 1 Practical Advances in Petroleum Processing United States of the second states of

Written for advanced students and industry professionals, Practical Advances in Petroleum Processing provides general overviews and in-depth reference material on oil refining technology. The breadth of this two-volume book is unique. In addition to chapters on traditional refining processes, it covers model-predictive control, process modeling, online optimization, economics, safety, and environmental protection

ISBN-10: 0-387-25811-6 © Springer Science + Business Media, Inc. www.springer.com

Reader Service Number 150

Chemical Engineering Modeling Tool



COMSOL Multiphysics® comprises a powerful, unique environment for modeling momentum, heat and mass transport coupled to chemical reactions. Now you can model fluid flow, gas flow and incompressible turbulent flow using a single tool! COMSOL Multiphysics' key features include: simultaneous solving of an arbitrary number of coupled nonlinear PDEs and state-of-the-art solvers for linear

and nonlinear stationary and time-dependent problems in 1D, 2D, and 3D. Tel: 781-273-3322; www.comsol.com

Reader Service Number 152

CHEMCAD Suite



Chemstations announces version 5.6 of the CHEMCAD Suite, including a built-in OPC-DA Server that allows CHEMCAD to not only exchange data with any OPC-DA compliant software/data, but also allows OPC-DA Clients to run CHEMCAD (steady state or dynamics). Already customers and partners are building high value solutions built around rigorous, firstprinciples CHEMCAD simulations.

Visit us, http://www.chemstations.net, or call us, 713-978-7700

Reader Service Number 151

AIChE Conference Proceedings



The proceedings of the AIChE Spring Meeting and 5th World Congress on Particle Technology are now available for purchase. This boxed 2-CD set contains over 1,400 technical papers and includes more than 700 papers from the 5th World Congress on Particle technology, in addition to the papers from the 2nd Global Congress on Process Safety and

the 18th Ethylene Producers Conference. Organized in an easy-touse and fully searchable format, the proceedings cover more than 250 technical sessions and 16 topical conferences. The cost for individual use is \$120. The proceedings can be purchased online at http://shop.omnipress.com or by calling Omnipress at 800-828-0305 or 608-246-2600 (international callers) or faxing 608-246-4237.

Reader Service Number 153



Get noticed Place Your Ad Here for Only \$800 All ads are 1/8 page, four-color, & include typesetting at no additional charge

Reach Nearly 32,000 Chemical Engineering Industry Professionals

Call your local sales representative today, see p. 63 for contact information or visit www.aiche.org/cep