



VMGSim™ Process Simulator

Bringing your vision into reality

Design ▶ Troubleshoot ▶ Optimize

We provide accurate, robust and cost-effective process simulation solutions. Your productivity and competitiveness are our priorities.



Gasification for GTL

▶ Steady State and Dynamic Process Simulation for the Oil, Gas and Chemical Industries.


virtual materials group inc.

www.virtualmaterials.com




www.aiche.org/cep or Circle No. 150 on p.59

THINK GREEN—THINK PULSAIR




Pulsair Chemical and Wastewater Mixing Systems efficiently mix aeration tanks, anoxic basins, sludge tanks, and chemical tanks using up to **75% Less Energy** than conventional mechanical mixers...and there are no immersed impellers, shafts, gears, seals or any other moving parts in the tank.

PULSAIR
The Fastest, Most Efficient Low Shear Mixing System Available Today!



For information on the Pulsair Automated Mixing System best for your application, Call **800-582-7797** Email sales@pulsair.com

www.aiche.org/cep or Circle No. 151 on p.59

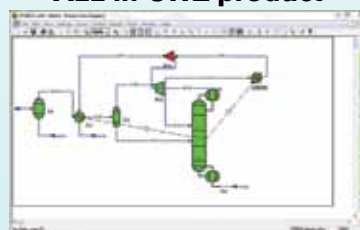


XPSIM

eXtending Process SIMulation to flow assurance

- ✓ Characterization of oil&gas properties for upstream
- ✓ General unit operations
- ✓ Single and multiphase pipeline simulation
- ✓ Gathering systems and general networks

ALL in ONE product



Visit www.xpsimworld.com for more information.

www.aiche.org/cep or Circle No. 152 on p.59

Dynatrol®

www.dynatrolUSA.com



MEASUREMENT CHALLENGES? DEMANDING SERVICE CONDITIONS?

Still proudly made in the USA over 50 years of uncompromising quality, Dynatrol® the complete line of level switches and detectors for demanding service conditions on-stream process analyzers for density and viscosity measurement/control.

Automations Products Inc.
3030 Maxroy St
Houston, TX 77008
800.231.2062

sales@DynatrolUSA.com
www.DynatrolUSA.com

www.aiche.org/cep or Circle No. 153 on p.59

Free Tutorial CD Featuring Fluid Flow, Heat and Mass Transfer, & Reaction Kinetics



COMSOL® is now offering a free copy of the 2012 Edition of the Conference CD! This CD is a well rounded compilation of works from the worldwide multiphysics simulation community. It contains over 700 presentations from our recent conferences in Boston, Stuttgart and Bangalore. Applications featured include microfluidics, electrochemistry, transport phenomena, reaction engineering, and many more.

Request your complimentary copy of the CD at www.comsol.com/cep-showcase

Tel: 781-273-3322



www.aiche.org/cep or Circle No. 154 on p.59



The Proceedings of the 2012 AIChE Spring Meeting and 8th Global Congress on Process Safety

are now available online, as individual papers, or as a CD-ROM by going to www.aicheproceedings.org. The proceedings include over 720 abstracts and extended abstracts. Past proceedings are also available. You may order CD-ROMs by calling Omnipress at 1-800-828-0305 or 608-246-2600 (international callers).

www.aiche.org/cep or Circle No. 155 on p.59