



New Jersey Chapter

ENGINEERING
PHARMACEUTICAL
INNOVATION

“L’Oreal Armchair Tour” & Water System Design

Tuesday September 23, 2008

Holiday Inn

Somerset, New Jersey



L’Oreal; Piscataway, NJ



Purified Water System

Overview:

This presentation will be given jointly by the owner and system designer. The session will open with an overview of L’Oreal operations, products, growth and evolving water requirements. Detailed discussion of the facility’s water system will include a review of the original heated water system that became operational in 2002 as well as subsequent modifications and expansions completed in 2008. Changes to the water system include: addition of ambient loops, and significant increase to reserve capacity. The presentation will include video clips of the plant in operation and extensive photographs of the water system and will close with a question and answer period.

Speakers:

- ◆ Thomas Zollo, PE, Director of Engineering L’Oreal, USA
- ◆ Joseph J. Manfredi, President & CEO GMP Systems

Unique Networking Opportunity:

This event is being offered concurrently with the ISPE New Jersey Training Series. This training series will be heavily attended by industry professionals from all around North America. Take advantage of the opportunity to meet and engage in technical conversations with a large geographically diverse group.

Event Details:

- ◆ Check-in begins at 5:00 p.m.
- ◆ Cocktail hour – cash bar.
- ◆ Buffet Dinner will be served at 6:00 – 7:00 p.m.
- ◆ Presentation will take place 7:00 – 8:00 p.m.
- ◆ Coffee and Dessert will be available during the Q&A session 8:00 – 8:30 p.m.
- ◆ The meeting will adjourn at 8:30 p.m.
- ◆ Registration and directions: <http://ispenjseptember2008event.eventbrite.com/>



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- ◆ Meeting fees are \$75. Members - \$100. Non Members
- ◆ ISPE STUDENT MEMBERS are admitted free of charge and the student non-members meeting fee is \$10. (Student non-members: if an ISPE membership application is included with payment, admission will be free).
- ◆ Sponsorship opportunities are available and greatly appreciated. Please visit our chapter web site from more details:
<http://www.ispe.org/page.wv?section=New+Jersey+Chapter&name=Upcoming+Events>
- ◆ For additional information please contact Ron Dunn, NJ ISPE Chapter Manager at 908-325-0345 or manager@ispenj.org

About The Speakers

Thomas Zollo, PE, Director of Engineering L'Oreal, USA: Tom has overall responsibility for all engineering, safety and project work for L'Oreal's US Luxury Division which produces their highest end, most expensive products including: Lancome, Kiel's, Polo and others. Products range from fragrances to skin care many of which are classified as OTC drugs for regulatory purposes. In turn, this necessitates more stringent internal compliance standards and a greater focus on quality. Tom is part of the senior management team for this site. Tom garnered significant experience in pharmaceutical manufacturing prior to his lengthy tenure with L'Oreal.

Joseph J. Manfredi, President & CEO GMP Systems: Internationally recognized for his expertise in pharmaceutical processing, Joe has spent more than 30 years designing systems, overseeing fabrication and installation, trouble shooting, training and providing consulting services for most of the world's major pharmaceutical manufacturers. Mr. Manfredi's experience includes all aspects of liquid processing with special emphasis on pharmaceutical water and steam systems but with significant familiarity in other processes including: ointments, creams, syrups, pastes, and gels, as well as tablets, tablet coatings, and suppositories.

As a leading instructor of orbital welding technology for pharmaceutical applications, Joe also provides seminars in operator certification, orbital weld inspection, and equipment calibration and service. As a member of many professional and industrial associations including PDA, ISPE, AWS, ASSE and NJBIA, he is often asked to lecture and lead courses both domestically and internationally. He is currently a senior member of the graduate faculty at New Jersey Institute of Technology, where he teaches in the Pharmaceutical Engineering Masters of Science Program.

Joe has been the recipient of numerous awards including ISPE Member of the Year in 1991 and Newark College of Engineering Distinguished Alumnus in 2004.