

ULTRAPURE WATER

Pharma-2010

2-Day Conference on
Water Treatment for the Pharmaceutical, Biotech,
and Healthcare Industries

Hilton Hotel

East Brunswick, New Jersey

May 20 and 21, 2010

• Executive Forum

Technical Papers on State-of-the-art Technologies Featuring:

- Update on USP Pharmaceutical Water Standards
- Update on Harmonization Efforts among Pharmacopoeias
- New technologies with application to pharmaceutical water
- Developments in instruments, measuring, and monitoring of pharma water systems
- Materials of construction issues in pharma water
- Pharmaceutical water system expansion/upgrades

• Tabletop Exhibits

For additional information on workshops, and schedules of technical papers, please visit:

www.ultrapurewater.com

EXECUTIVE FORUM

Water Treatment for the Pharmaceutical, Biotech and Health Care Industries
East Brunswick, NJ Hilton
May 20-21, 2010

Co-moderators:

Anthony Bevilacqua, Ph.D., Mettler-Toledo Thornton Inc.
Andrew Collentro, Water Consulting Specialists

Program

Thursday, May 20

9:00 AM—Session Introduction

9:15 AM—A Compilation of USP/Global Requirements for Bulk, Sterile, and Packaged Pharmaceutical Waters
Anthony Bevilacqua, Ph.D., Mettler-Toledo Thornton Inc.

9:45 AM—Continuous Microbiological Control in Ambient “HP Purified” Water Systems
Bob Livingston, Arion Water Inc.

10:45 AM—Ultra High Efficiency Biological Depth Filter
F. Tepper, L. Kaledin, O. Vargas, and T. Kaledin, Argonide Corp.

11:15 AM—Understanding the Rouge Phenomenon and Coping with Its Presence
Patrick Banes, Astro Pak Corp.

11:45 AM—Vapor Compression Distillation
Lee Comb, Aqua-Chem Inc.

1:15 PM— Pharmaceutical Water System Expansion/Upgrades
William V. Collentro, Water Consulting Specialists Inc.

1:45 PM— Influence of Polymeric Inhibitors on Calcium Fluoride Crystal Growth and Crystal Morphology
Zahid Amjad, Ph.D., Walsh University

2:15 PM— Improving Quality and Reducing Costs with Real-time Release of Pharmaceutical Water
Jonathan Yourkin, GE Analytical Instruments

2:45 PM— Lipopolysaccharide Reduction Comparison Between Two Charged Filter Media
Heather Mowers, Ahlstrom Filtration, LLC

3:45 PM—State of Pharmaceutical Water Treatment Roundtable

5:15-6:30 PM—Reception

Friday, May 21

9:00 AM— Ozone Sanitization of Pharmaceutical Water Systems

Hossein Zarrin and Hans Sundstrom, MKS Instruments Inc.; and Vince Ciufia, OSTI

9:30 AM— Rouge: Monitoring, Measuring and Maintenance in Water and Steam Systems

Daryl L. Roll, Astro Pak Corp.

10:00 AM— Investigation of Pharmaceutical Water System Microbial Excursions

Rod Freeman, Teva Parenteral Medicines

11:00 AM— Microbial Biofilms and Bioburden Generation in Compendial Water Systems

Marc W. Mittelman, Ph.D., Exponent (Natick, Mass.) and Harvard SEAS (Cambridge, Mass.)

11:30 AM—Is Rouge Really a Problem? A Science-Based Approach to Clean Steam and WFI System Maintenance

Peter A. Petrillo, Millennium Facilities Resources Inc.; and James D. Vogel, P., Process Facilities Services Inc.

Noon-1:00 PM—Lunch in Exhibits Area

1:00 PM—Pretreatment/Source Water Issues

William V. Collentro, Water Consulting Specialists Inc.

1:30 PM— Purified Water System Expansion & Upgrades: A Case Study at L’Oreal

Joseph Manfredi, GMP Systems

2:00 PM—Chlorine Species Passage through Polyamide Reverse Osmosis Membranes

Lucy Wu, and Nik Krpan, Cheme Engineering

Visit www.ultrapurewater.com for program updates, registration information, and tabletop exhibits.

ULTRAPURE WATER®

-Pharma

East Brunswick, NJ Hilton
May 20-21, 2010

EXECUTIVE FORUM

Water Treatment for the Pharmaceutical,
Biotech and Health Care Industries

- 2-DAY EXEC FORUM \$520
- THURSDAY EXEC FORUM \$300
- FRIDAY EXEC FORUM \$300

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EXHIBITS

Thursday: 9:00AM-7:00PM
Friday: 9:00AM-3:00PM

Free for all Conference Registrants

REGISTER ONLINE AT:

www.ultrapurewater.com/zencart

Special Offers

- Pharmaceutical Water Systems.* \$115
by Dr. Theodore H. Meltzer, Hardcover book,
865 pages. Regular price \$145.
- Optimizing a High-Purity Water System*
by Paul Tan, 281 pages, hard cover. \$50.
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Books ordered by May 17 will be delivered to conference for
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Registration

Registration Information

Use the registration form in this brochure, or register online at: www.ultrapurewater.com/zencart. Please photocopy the form for additional registrations. To save time, simply fax or mail your completed form to the number below.

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Conference Location

All ULTRAPURE WATER—Pharma activities are held at the Hilton Hotel—East Brunswick, NJ. For your convenience, we recommend that you stay at this hotel for the duration of the conference. The Hilton is located at 3 Tower center Blvd, East Brunswick NJ 08816. It is at Exit 9 of the NJ Turnpike. At the toll plaza, bear right towards Route 18 and take the first right into the complex.

Hotel Room Rates—Single or Double-\$149 (All rates subject to additional city taxes). When making hotel reservations, it is important that you mention the ULTRAPURE WATER Conference. These special rates, as well as a block of rooms, are guaranteed only through April 16, 2010. Don't miss out — phone in your reservations today at 732-828-2000. Refer to Tall Oaks Publishing, or Ultrapure Water in order to obtain this special rate. Reserve on-line at www.hilton.com using **UWP** as the conference code.

On-Site Registration

You may register for the Forum at the Conference. However, we encourage you to register in advance to save time and to insure your seat availability.

Confirmation

All registrations will be confirmed by email. You must be registered for admission to any session. Pre-registered attendees must pick up their badges at the Registration Desk. **Badges will not be mailed.** Please pick up your badges at least 30 minutes before the start of your session.

Fees

Water Executive Forum: \$520 for 2-day program (\$300 for single day).

Tax Deduction

Conference expenses may be tax deductible. U.S. Treasury Regulation 1.1625 permits an income tax deduction for educational expenses (registration fees, cost of travel, meals, lodging), undertaken to maintain or improve skills required in one's employment, or to meet express requirements of an employer.

Photo Release

We occasionally use photographs of show participants in our promotional material. By virtue of your attendance, you automatically agree to usage of your likeness in such material.

Cancellations/refunds

Refunds cannot be granted on cancellations received after **May 17, 2010**. Cancellations prior to this date are allowed without penalty. There will be a \$30 processing fee on all refunds. If you need to change your plans to attend, you may transfer your registration to another person at any time without incurring any penalty.