



Pharmaceutical Water Systems Class **7:30 am - 2:00 pm**

Program Manager: Rod Freeman, Manager, Facility Maintenance of Teva Parenteral Medicines

7:30 - 8:00 am Registration and Continental Breakfast

8:00 - 8:45 am

Pre-Treatment Design Considerations and Options by Ron Howie of Siemens

Review of options and technologies to address the incoming water quality and seasonal variations.

8:45 - 9:30 am

RO and Distillation Generation of John Wammes, Engineer of Water Works Inc.

Detailed review of Reverse Osmosis theory, membrane configuration, element construction, and operations and maintenance and review of distillation methods and comparison of Multi-Effect to Vapor Compression highlighting similarities, differences, and advantages.

9:30 - 9:45 am Morning Break

9:45 - 10:30 am

Distribution Design Considerations and Options by Rod Freeman, Manager, Facility Maintenance of Teva Parenteral Medicines

Overview of Distribution design technologies and approaches for both Purified and WFI, including temperature control and adjustment / delivery techniques.

10:30 - 11:15 am

Rouge Formation and Monitoring by Nissan Chohen, Industry Sales Manager of IN USA

A presentation with a brief overview of rouge formation and of emerging technology to detect the formation of rouge in a system.

11:15 - 12:15 pm Lunch

12:15 - 1:00 pm

System Automation and Control by Dan Cooper, Instrumentation & Control/Commissioning Specialist of CRB Consulting Engineers

Review of methods and technologies for monitoring, control, and alarming of Pharmaceutical Water Systems.

1:00 - 1:45 pm

Ozone as a Method of Microbial Control by Nissan Chohen, Industry Sales Manager of IN USA

Detailed discussion of ozone generation, control, and monitoring for microbial control in ambient temperature systems.

1:45 - 2:00 pm Water Class Wrap-Up

Case Study of Novartis Solar Project **2:00 - 3:00 pm**

Presenter: Diane Johnson, Director of Engineering, Novartis Vacaville

Program Manager: Marcella Goodnight, Manager of Genentech Inc.

Register Online For the Full Day Class or the Case Study:
http://event-confirmation.com/ispesd_meetings.htm



VENDOR NIGHT

EXHIBIT SHOW

THURSDAY, AUGUST 12, 2010

AT HILTON LA JOLLA TORREY PINES
10950 North Torrey Pines Rd., La Jolla, CA 92037 (858) 558-1500



Vendor Night Chairs:

Marcella Goodnight, Manager, Genentech, Inc.

Jerry Yaddgo, PE, Senior Engineer, Biogen Idec Inc.

Cash Prizes for Best Dressed Table and Best Dressed Attendee

All tables are 6' long by 2.5' wide. Maximum Height 60"/Maximum Width 72".

Everything must fit on your table top (not on the floor or wall).

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VENDOR NIGHT REGISTRATION

- FREE TO WALK THE SHOW & VISIT EXHIBITS (3:00 - 7:00 pm)
- \$225 ISPE Members - Pharmaceutical Water Systems Class & Novartis Case Study (7:30 am - 3:00 pm)
- \$315 Non Members - Pharmaceutical Water Systems Class & Novartis Case Study (7:30 am - 3:00 pm)
- \$55 ISPE Members - Case Study of Novartis Solar Project (2:00 - 3:00 pm)
- \$80 Non Members - Case Study of Novartis Solar Project (2:00 - 3:00 pm)
- \$610 Table Top Table Choices Given Based On Order Paid

Will Donate Door Prize
(please list your door prize and bring it with you to the event)

For an immediate receipt, use our on-line registration:
http://event-confirmation.com/ispesd_meetings.htm

Registrations can also be faxed using this form with credit card payment. Fax to 949-266-8461 or 949-387-9047.
If paying by check, first fax your registration then mail your check made payable to: ISPE SAN DIEGO CHAPTER
5319 University Dr., Suite 641, Irvine, CA 92612. Chapter Hotline (800) 869-9621 or (949) 387-9046.
ISPE San Diego Chapter Tax ID#33-0551783.

Receipts for payment and Name Badges will be given at the on-site registration desk.

Contact Kimberly Syre: ksyre@cox.net with any questions

COMPANY: _____

NAME: _____ LAST: _____

TITLE: _____

ADDRESS: _____

CITY: _____

STATE: _____ ZIP: _____

PHONE: _____

FAX: _____




E-MAIL: _____

COORDINATOR E-MAIL: _____

LIST ALL EMAILS THAT YOU WANT CONFIRMATIONS SENT TO.

CREDIT CARD INFORMATION

Type of Credit Card _____

Circle One   

Name on Card: _____

Credit Card #: _____

Exp Date: _____

Signature: _____



San Diego Chapter

ENGINEERING
PHARMACEUTICAL
INNOVATION

ISPE SAN DIEGO CHAPTER

13TH ANNUAL

GOLF TOURNAMENT

Friday, August 13, 2010

Arrowood Golf Course **NEW LOCATION & START TIME**

5201 Village Dr., Oceanside, CA 92057 • (760) 967-8400

7:00 am Registration
8:00 am Shot Gun Start

**Loaded with Prizes
Mens and Womens
Closest to the Pin
and
Longest Drive**

Awards Banquet with Tri-Tip and BBQ Chicken To Follow

REGISTRATION ISPE San Diego Golf Tournament August 13, 2010

To register, complete this form with credit card payment and fax it to 949-266-8461 or 949-387-9047
If paying by check, send your check made payable to: ISPE SAN DIEGO CHAPTER, 5319 University Dr., Suite 641,
Irvine, CA 92612. Chapter Hotline (800) 869-9621 or (949) 387-9046. Sorry, no refunds for Golf Tournaments.

\$175 Per Player x _____ Players = \$ _____

\$100 Hole Sponsor

\$200 Dedicated Hole Sponsor

\$525 Drink Sponsor with Keg of Beer (you supply bartender)

Electricity Available for Drink or Dedicated Hole Sponsors, No Extra Fee, Only 2 Available, 1st Pd Gets It!

Goodie Bag Donations - Please let us know what you would like to donate: _____

Select Category of Play	
<input type="checkbox"/>	Open Category
<input type="checkbox"/>	Handicapped Category
<input type="checkbox"/>	8 Player Blind Draw

Total Amount Due: \$ _____ (include players and sponsorship)

COMPANY: _____

COORDINATOR NAME: _____

ADDRESS: _____

CITY: _____

STATE: _____ ZIP: _____

PHONE: _____

FAX: _____

E-MAIL: _____

PLAYER 1: _____ PLAYER 2: _____

PLAYER 3: _____ PLAYER 4: _____

CREDIT CARD PAYMENT	
Type of Credit Card	<input type="checkbox"/> AMERICAN EXPRESS <input type="checkbox"/> MasterCard <input type="checkbox"/> VISA
Circle One	
Name on Card:	_____
Credit Card #:	_____
Exp Date:	_____
Signature:	_____