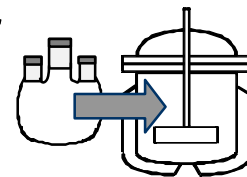


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Process Development Programming Areas

Area 12a: Process Research and Innovation

Area 12b: Pilot Plants

Area 12c: Technology Transfer

Area 12d: Manufacturing

Area 12e: Micro Process Engineering

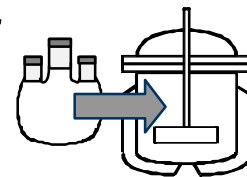
Area 12f: Process Intensification

Area 12g: Product Design



Fall National Meeting
November 16th – 21st, 2008
Philadelphia, PA

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From the Chair...

Welcome to the Fall 2008 edition of the AIChE Process Development Division (PDD) Newsletter. On behalf of the division and leadership team members, listed at the end of this newsletter, I encourage you to read this newsletter fully and gain understanding of what the division is all about. It has information on our division's technical sessions, areas/division meetings, students networking, courses, dinner, awards, new initiatives, and many more exciting future plans.

Our next big event is the Fall 2008 AIChE Centennial Meeting from 15th to 21st November in Philadelphia, PA, the birth place of the AIChE and the nation. This historic meeting has many interesting sessions as listed in the newsletter. Student Speed Networking is planned again on Saturday, 15th after a great success at the last Fall meeting in Salt Lake City. Each participant out of a team of 6 PDD members will discuss careers with a group of approximate 10 students for 10 minutes and then rotate to next group. There are two sessions are planned with 60 students in each.

We hope that you can join us at the division's general meeting on Monday, 17th per details in this newsletter. It will be a forum for lively discussion and brainstorming about ideas for future programming and activities. This is a good opportunity for persons considering to become active in the division. We do have some open positions on the leadership team listed at the end.

One of the premier ticketed events for the PDD is the division dinner. This year's dinner will take place on Tuesday, 18th at Union League of Philadelphia. At the dinner, we will also involve presentation of PDD Awards and honor one our founding members, Kamlesh Bhatia, who retired from DuPont. Please buy dinner tickets now because they are almost sold out by the night of the dinner. The PDD dinner has always been a great networking experience, so don't miss it!

Regarding technical programming, we will have 11 sessions at the Philadelphia meeting with ~67 papers including one session honoring Kamlesh. A Pilot Plant Topical will also be held with 5 sessions and 24 papers. A detailed summary of Philadelphia technical programming is included in this newsletter. Please join us for the PDD technical sessions in Philadelphia. A short course on "Crystallization Process Development: From Lab to Plant Process" will also be offered on 16th.

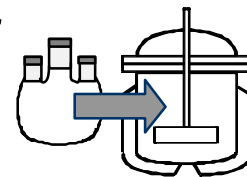
Key events for the 2009 year are the PDD programs at Spring Meeting (April 26th to 30th) in Tampa, FL, the AIChE Day at Chem Show (November 17th), and the Fall Meeting (November 8th to 13th) in Nashville, TN. PDD's Annette Johnston is the Meeting Programming Chair for the Spring 2009 meeting. Please submit papers to share your knowledge and connect with your peers.

Thanks to all of you in advance for your interest and support. See you all in Philadelphia. If not, let me know what else we should be doing or how you want to play a role in our future.

Cawas Cooper - **Division Chair**

(cooperca@airproducts.com, 610-481-4075)

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Announcements:

Student Speed Networking

Do not miss the opportunity to network with your colleagues and learn from other professionals in the chemical industry. The process development division is organizing a networking event on **Saturday November 15th**. Two sessions will be available at **1:00 and 2:30 pm**. A group of professionals will discuss careers with a group of approx. 10 students for 10 minutes and then rotate to the next group. Each session will be limited to 60 students. If you are interested in participating please contact John Peragine (john.peragine@bms.com)

ISPE Short Course

This ISPE short course provides practical information on how the whole approach to product and process development of pharmaceutical products is changing via Product Quality Lifecycle Implementation. PQLI is an industry driven initiative designed to develop a practical and pragmatic approach to implementing Q8, Q9, and Q10, and related ICH (International Conference on Harmonization) Guidance Documents. This process requires engineering involvement in the early development of products and processes and the integration of science and engineering with quality systems. Sunday, 16 November, 08:30 - 13:00, Philadelphia Marriott Downtown, room 307. Instructors/Speakers: Charles Hoiberg, John Lepore, Stephen Tyler, and John Groskoph. More information at <http://www.aiiche.org/conferences/annual/shortcourses/S7.aspx>

Spring 2009 Conference

The Spring 2009 Meeting will take place in Tampa, Florida, April 26-30, at the Tampa Convention Center. The theme is "Engineering in A Changing Environment." The meeting will feature our usual strong Spring features.

We have been holding monthly teleconferences with the program chairs of Divisions that program in Spring, and are suggesting that another "Topical" be added - Developing Energy Strategies. We have reviewed the sessions entered into Confex, and have identified sessions, from many divisions, that should be involved in this topical - some on LNG, some on biorefineries, Carbon Counting, Alternative Energy. I understand that the Alternative Energy Topical, spearheaded by Raymond Rooks, will also be featured at this meeting. The goal is to attract members that have titles like "Energy Manager" or "VP, Energy Strategy", to the meeting.

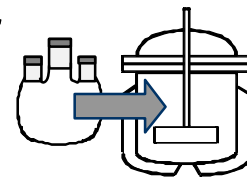
The keynote or plenary session of the Developing Energy Strategies Topical will feature a speaker that represents industrial users of power - with comments about the issues that face industries that must consider their carbon footprint and energy costs. We also intend to feature a speaker that represents power companies. This speaker will discuss the issues related to using different fuels to generate the electricity industry uses. This plenary will be on Tuesday, probably right before lunch. The sessions that have been identified will be linked to this plenary, and scheduled so that there is some logic in topic and progression of thought.

See you in Tampa!

2009 Chem Show

AIChE has agreed to organize approximately eight half day sessions or tutorials for the 2009 Chem Show to be held at the Javits Center in Manhattan. The day of AICHE programming has been tentatively titled "AICHE Day at the Chem Show". The 2009 Chem Show will represent the 53rd presentation of this venerable and well established chemical industry exposition and conference. The first day of the Show, Tuesday November 17th, will be the AICHE Day and this represents the first time AICHE has actually programmed an entire day at the Fall 2008

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Chem Show. AIChE's programming is still in preparation but the Process Development Division is expected to play a leading role in the programming. Probable topics will include mixing, product design and other relevant topics relating to process development and manufacturing. The NEW CHEM SHOW—Processing Solutions for a Changing Marketplace will feature topics relating to Sustainability and Green Processing and concentrated heavily on five themes which will include 1)Process Controls and Automation; 2)Optimizing Process Efficiency; 3)Waste/Wastewater Treatment; 4)Emerging Technologies; and 5)Efficient Powder Processing.

The technical programming element of the Chem Show has a separate fee for either daily or entire week registration and includes admission to the Show Floor which represents a considerable extra value for serious show attendees. Since AIChE's programming will be limited to the first day, Tuesday the 17th, this day should be viewed as a must attend day for AIChE members and especially for Process Development Division members. Please look for further announcements on <http://www.chemshow.com/exhibitorlist/index.php> as they become available or contact Joe Cramer at programming@aiiche.org for more information.

Call for Papers

The Call for Papers/PTP process for the 2009 AIChE Spring National Meeting is now open. To submit a paper please visit <http://aiiche.confex.com/aiiche/s09/cfp.cgi>

Spring 2009 Divison 12 Sections

These are the preliminary sessions for the Process Development Division for Spring 2009. More details at http://aiiche.confex.com/aiiche/s09/preliminaryprogram/group_1335.htm

AREA: Process Research and Innovation (12a)

12A00 Enhanced Oil Recovery (1)

12A01 Biofuels Process Development (0)

AREA: Pilot Plants (12b)

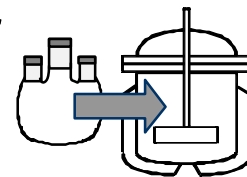
12B00 Shortcut Methodology In Pilot Plants (0)

12B01 Heavy Oil Upgrading, Hydrotreating, and Refining Pilot Plants (0)

AREA: Manufacturing (12d)

12D00 Instrumentation: An Engineer'S Best Friend and Biggest Enemy (0)

12D01 Plant Improvements: Identifying and Prioritizing Work When the Plant Is Running Well (0)



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PROCESS DEVELOPMENT DIVISION PROGRAM

Monday, November 17, 2008

8:30 AM-11:00 AM

#25 - Development and Operating Histories of Chemical Processes (12D01)

12:30 PM-3:00 PM

#74 - Career Development In the Chemical Processing Industry (12D02)

Tuesday, November 18, 2008

8:30 AM-11:00 AM

#200 - Advances in Process Intensification I (12001)

12:30 PM-3:00 PM

#262 - Advances in Process Intensification II (12002)

3:15 PM-5:45 PM

#373 - Process Development Plenary In Honor of Kamlesh Bhatia's Retirement (12003)

Wednesday, November 19, 2008

8:30 AM-11:00 AM

#438 - Process Development for Sustainability (12A03)

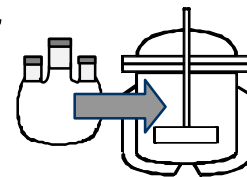
12:30 PM-3:00 PM

#502 - Process Development for Sustainability - II (12A00)

3:15 PM-5:45 PM

#521 - Applications of Chemometrics for Process Development (12A01)

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Thursday, November 20, 2008

8:30 AM-11:00 AM

#595 - Experiences with Product Design Capstone Courses and Projects (12G01)
Cosponsored by: 04a Undergraduate Education

12:30 PM-3:00 PM

#632 - Case Studies in Product-Centered Process Development (12G02)
Cosponsored by: 12a Process Research and Innovation

3:15 PM-6:35 PM

#717 - Molecular Modeling for Product Design (12G03)
Cosponsored by: 21 Computational Molecular Science and Engineering Forum

Topical F: Pilot Plant Centennial Celebration - Sponsored by Group 12b, Pilot Plants

Monday, November 17, 2008

8:30 AM-11:00 AM

#39 - Instrumentation and Control - Sponsored by Group 12b, Pilot Plants (TF001)
Cosponsored by: 12b Pilot Plants

12:30 PM-3:00 PM

#77 - Challenges In Pharmaceutical Process Scale-up - Sponsored by Group 12b, Pilot Plants (TF002)
Cosponsored by: 12b Pilot Plants
Cosponsored by: 15b Pharmaceuticals

3:15 PM-5:45 PM

#144 - Data Mining and Modeling of Unit Operations - Sponsored by Group 12b, Pilot Plants (TF003)

Tuesday, November 18, 2008

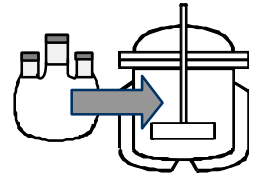
8:30 AM-11:00 AM

#243 - Reaction Engineering and Reactor Design - Sponsored by Group 12b, Pilot Plants (TF004)
Cosponsored by: 12b Pilot Plants

12:30 PM-3:00 PM

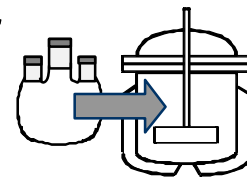
#309 - Pilot Plants through History - Sponsored by Group 12b, Pilot Plants (TF005)
Cosponsored by: 12b Pilot Plants

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Other Division 12 Events during the Spring Meeting

Saturday, November 15 2008

1:00 PM-4:00 PM

Speed Networking (2 sessions) - - Room: Franklin 9 (4th Floor), Hotel: Marriott Philadelphia Downtown

Sunday, November 16 2008

5:30 PM-6:30 PM

General Meeting - - Room: 308 Meeting Room (3rd Floor), Hotel: Marriott Philadelphia Downtown

Monday, November 17 2008

5:30 PM-7:00 PM

Division 12 Meeting - - Room: 102-A Meeting Room (Street Level), Bldg.: Pennsylvania Convention Center

Tuesday, November 18 2008

11:00 AM-12:30 PM

Parallel meetings **with boxed lunches** for:

Areas 12a/c/g - - Room: Commonwealth D (2nd Floor), Hotel: Loews Philadelphia

Areas 12b/d - - Room: Commonwealth C (2nd Floor), Hotel: Loews Philadelphia

Areas 12 e/f - - Room: Commonwealth B (2nd Floor), Hotel: Loews Philadelphia

5:45 PM-9:00 PM

Dinner with awards presentation

Union League of Philadelphia (Meade Room)
140 South Broad St., Philadelphia

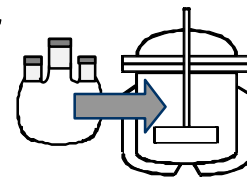
Guests start to arrive @ 6:00pm

Dinner to be served @ 6:30 pm

Guests will be contacted via e-mail about 2 weeks prior to the dinner for their entree choice

STRICT DRESS CODE (www.unionleague.org)

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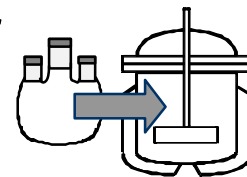


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Process Development Division Leadership (2008-2010 Term)

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Program Chair	Annette Johnston Section Manager Lake County Site - Process Engineering Abbott Laboratories 100 Abbott Park Road AP4A-2, Dept. 031D Abbott Park, IL 60064-6076 E-Mail: Annette.Johnston@abbott.com	Membership Chair	Michael Hill M Hill & Associates, LLC 31 Winding Trail Mahwah, NJ 07430 Phone: (201) 995-9320 E-Mail: michael@mhillassoc.com
Assisting Program Chair	Joe Powell Chief Scientist - Chemical Engineering Shell Global Solutions US Inc. Westhollow Technology Center P.O. Box 1380, Houston, TX 77251-1380 Phone: (281) 544-8976 Fax: (281) 544-7370 Email: Joe.Powell@shell.com	CTOC Liaison	Ramesh Rameswaran Sr. Team Leader-Process Development SABIC Americas Inc. SABIC Technology Center 1600 Industrial Blvd. Sugar Land, TX 77478 rrameswaran@americas.sabic.com
Group Treasurer	David Edwards Project Engineer Zeton Inc. 740 Oval Court Burlington, Ontario Canada, L7L 6A9 Phone: (905) 632-3123 Email: dedwards@zeton.com	Awards Chair	A.R. (Tony) Cartolano Research Associate Air Products and Chemicals, Inc. 7201 Hamilton Boulevard Allentown, PA 18195-1501 Tel: 610-481-4262 Fax: 610-481-7719 e-mail: cartolar@airproducts.com
International Liaison	Kamlesh K. Bhatia AIChE Fellow Phone: (302) 738-7250 Email: k.k.bhatia@att.net	Past Chair	John F. Peragine Principal Technical Investigator Bristol-Myers Squibb 1 Squibb Dr. PO Box 191 New Brunswick, NJ 08903-0191 Phone: (732) 227-5688 Fax: (732) 227-3892 E-Mail: John.Peragine@bms.com
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Leadership of Area 12a: Process Research and Innovation

<http://www.pd-aiiche.com/area12a/>

Chair	Sagar Gadewar: 861 Ward Dr, Santa Barbara, CA 93111 Phone: (805)696-6660 ext 104 Fax: (805) 696-6761 email: sagar@gadewar.com	Chair - Elect	Joseph Schroer ClearWaterBay Technology, Inc. 4000 Valley Blvd, Suite 100 Pomona, CA 91789- 1532 USA Tel: +1 (909) 595-8928 Fax: +1 (909) 595- 6899 Email: jschroer@cwbttech.com	Activities Chair	Open
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Leadership of Area 12b: Pilot Plants

<http://www.pd-aiiche.com/area12b/>

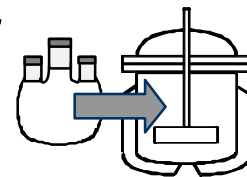
Chair	Dan Pintar, Operation Manager UOP Phone: (708) 442-3703 Email: daniel.pintar@uop.com	Chair - Elect	Adam Whalley, P.Eng. Zeton Inc. 740 Oval Ct. Burlington, ON, L7L 6A9 tel. 905-632-3123 ext. 235 fax. 905-632-0301 awhalley@zeton.com	Activities Chair	David C. Attride Senior Research Associate Eastman Chemical Company, 200 S. Wilcox Dr., P.O. Box 511 Kingsport, TN 37662- 5027 dattride@eastman.com
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Leadership of Area 12c: Technology Transfer

<http://www.pd-aiiche.com/area12c/>

Chair	Dr. Mitchell Loescher CDtech Chemical Research and Licensing 10100 Bay Area Boulevard Pasadena, TX 77507 Phone: 281-474-0685 Fax: 281-474-0660 Email: mloescher@cdtech.com	Chair - Elect	Mike J. Doll Research Engineer HODer Shell Global Solutions 3333 Highway 6 South Houston, TX 77082 Phone: (281) 544-7253 Fax: (281) 544-8687 Email: Mike.Doll@Shell.com	Activities Chair	Open
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Leadership of Area 12d: Manufacturing

<http://www.pd-aiiche.com/area12d/>

Chair	Lorna Ortiz-Soto CRI/Criterion Catalysts Westhollow Technology Center 3333 Highway 6 South Houston, TX 77082 lorna.ortiz-soto@shell.com Phone: 281-544-7746 Fax: 281 544 8770	Chair - Elect	Shawna Berg Shell Global Solutions (US) Inc. Westhollow Technology Center 3333 Highway 6 South Houston, TX 77082 shawna.berg@shell.com Phone: 281-544-8309 Fax: 281 544 7370	Activities Chair	Jason VanRoeyen Shell Chemical LP Geismar Plant AOID Technical Support 7594 Hwy 75, Geismar, LA 70734 225.201.5322 (P) 225.229.5436 (C) 225.201.5229 (F) jason.vanroeyen@shell.com
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Leadership of Area 12e: Microprocessing Engineering

<http://www.pd-aiiche.com/area12e/>

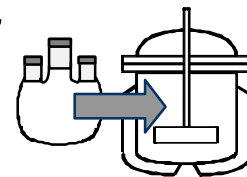
Chair	Ronald S. Besser, Ph.D. Professor Chemical, Biomedical, and Materials Engineering Stevens Institute of Technology Castle Point on Hudson Hoboken, NJ 07030 Phone: (201) 216-5257 Fax: (240) 255-4028 Email: rbesser@stevens.edu	Chair - Elect	Laurence Weatherley Chair-Elect The University of Kansas Chemical and Petroleum Engineering 1530 W. 15th Street, Learned Hall Lawrence, KS 66045- 7609 US phone: 785-864-3553; fax: 785-864-4967 e-mail: lweather@ku.edu	Activities Chair	Dr. Thomas R. Dietrich mikroglas chemtech GmbH Galileo-Galilei-Str.28 55129 Mainz Germany tel +49-6131-55550-50 fax +49-6131-55550-52 T.Dietrich@mikroglas.com www.mikroglas.com
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Leadership of Area 12f: Process Intensification

<http://www.pd-aiiche.com/area12f/>

Chair	Costas Tsouris, Chair Oak Ridge National Laboratory P.O. Box 2008 1 Bethel Valley Road Oak Ridge, TN 37831-6181 Tel. 865-241-3246 Fax. 865-241-4829 Email: tsourisc@ornl.gov	Chair - Elect	Dr.-Ing. Hannsjoerg Freund, Chair Elect Max-Planck-Institut fuer Dynamik komplexer technischer Systeme Fachgruppe Physikalisch- Chemische Prozesstechnik Sandtorstrasse 1 D-39106 Magdeburg, Germany Phone:+49 391 6110- 275	Activities Chair	Dr. Bora Aydin Research Scientist Industrial Systems Optimisation Canmet Energy Technology Centre 1615 Lionel-Boulet Blvd., Varennes, QC, J3X 1S6 Canada Tel: +1 450 6520214 Fax: +1 450 6525918 bora.aydin@nrcan.gc.ca
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Leadership of Area 12G: Product Design

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Fax: 603-472-5359

Activities Open
Chair