



*The Institute For
Briquetting and Agglomeration*

NEWSLETTER FALL 2005

IBA ADDRESS

Tom Feldkamp
Executive Director
P.O. Box 297
Manitowish Waters, WI 54545, USA

Tel. 715-543-2750
Fax. 715-543-2751
Email: tnfeldkamp@centurytel.org

IBA WEBSITE: www.agglomeration.org

NEWSLETTER ADDRESS

W.H. Engelleitner
AME Pittsburgh
133 Tory Road
Moon Township, PA 15108 USA

Tel. 412-264-0610
Fax. 412-264-4902

AGGLOMERATE AND COMMUNICATE!

IBA-29 is HISTORY

Held Oct. 16-19 in Clearwater, FL, 17 papers as well as the traditional Roundtable were presented. As in several previous conferences, the papers were organized into the following areas of topics: Keynote paper, Fundamentals and Research, Ancillary Systems for Agglomeration, Equipment and Process, Agglomeration Roundtable. Seven companies participated in Vendors' Night. Tom Feldkamp will have more information on the conference. I understand the Proceedings will be available soon.

Perhaps as a result of the conference as well as general publicity, IBA has in recent months received a growing number of requests for information, consulting and assistance in our chosen field, which Tom Feldkamp distributes to the consultant list of IBA.

IT CROSSED MY DESK

This is a general way to summarize information, which reaches me via technical and trade publications and other newsmedia. Some of recent information:

Chemical Processing (Putman Media) Readers' Choice Awards came out in their August 05 issue. People like pools and contests and this one has a good history. The many "best of" categories include Dryers (Niro, Wyssmont, Carrier), Dust Control (Donaldson Torit, MikroPul), Engineering/Design Services (Fluor Daniel, Jacobs CH2MHill) Feeders (K-Tron) Mixing Systems (Lightnin/SPX, Chemineer, Charles Ross) Process Automation (Emerson, Honeywell, Rockwell Allen Bradley). What is significant is, that there is no checkoff list, but readers of CP have to name their preference from experience and personal familiarity. The above names are the leaders in their category.

MORE PUBLICATIONS

International Society for Pharmaceutical Engineering has published "Good Practice Guide Assessing Particulate Containment of Pharmaceutical Equipment" (www.ispe.org/containment performance)

"Active Pharmaceutical Ingredients...." edit. S.H. Nusim, issued by Taylor & Francis Group.

"Tablet Presses", Tablets & Capsules, Sept. 05, pp. 14-20
Chirag Varaiya (www.jiimfg.com).

"Hot Melt Extrusion", D. Kaushik, A.K.Madan, Tablets & Capsules, July 2005, pp. 30-37, incl. 30 cited references.

P&BE Bookstore (online@www.powderbulk.com) lists, among others the two most recent publications by Dr. Wolfgang Pietsch, IBA member, "Agglomeration Processes" and 2 volumes of "Agglomeration in Industry" (the latest 2005), Wiley VCH Verlag.

COAL AND COKE NEWS

Coal Age, Oct. 05, US Prep Plant Census, a complete listing of coal preparation plants with full details.

Coal Age, July 05, Market Outlook for Coal, discussing Appalachia, Illinois Basin and Powder River Basin coals. 2005 delivered coal to a hypothetical Ohio River coal plant ranges from max. \$ 46 to \$ 29 per ton, with the high being central Appalachia coal, the low being PRB coal.

Upcoming Events, coal related Coal/Ag Prep, Lexington, KY May 1-4, 2006, email: registration@primediabusiness.com

National Coal Show, Pittsburgh, PA, June 13-15, 06, web: www.mining-media.com or email sfiscor@mining-media.com

A Call for Papers went out and the event 31st Intl. Technical Conference on Coal Utilization and Fuel Systems (2006 Clearwater Conference) went out. The dates May 21-25, 06, Fax: 301-294-7480

A conference was held Oct. 19-21 , Vancouver, Canada "Metcoke"; for information on proceedings: www.intertechusa.com/coke.html
The 2006 metcoke "Eurocoke Summit" is scheduled for April 10-12.

Also in the August 05 CP issue: "Chemical Makers Play the Power Game, by Mike Spear, discussing companies' efforts at energy saving, cost control, across-the-board pooling, the potential of co-generation and related issues. This was partly based on a recent American Chemistry Council presentation to the Senate subcommittee on energy and mineral resources. Some quotes "Today U.S. natural gas prices are the highest in the world, ... \$ 7 per million BTU, compared to \$ 5.25 in Europe, \$ 4.50 in China and Japan \$ 1.25 Middle East and Russia." Intrastate pooling, more emphasis on renewables are other areas discussed.

Speaking of Energy: ENERGEIA, a publication of CAER/University of Kentucky, Vol. 16, No. 4, 05 carries two good articles: "We Can See it Clear Now", Frank Hilty about Clean Air Compliance, with some good stats predictions on NOx, SO2 and Hg and "It's the Right Time ... Again ... for Coal", Janet Gellici, American Coal Council.

Not to be outdone by Chemical Processing, Powder & Bulk Engineering (CSC Publishing) will again have their Readers' Choice Awards, their fourth in Handling Equipment, Lab Equipment and Processing Equipment. Candidates in Processing Equipment up for vote are Granulator, by Modern Process Equipment, Roll Compactor by Alexanderwerk and Mixer by Charles Ross & Son. Go Vote!

Of particular interest to this NL writer is an article in P&BE's November issue "It's Time to Stop Screwing Around" (if you pardon the pun slang), a good article, case history of a new type of air gravity conveyor to handle baghouse collector dust in a steel mill, instead of the usual screw conveyor under the baghouse hopper. The installation featured is at the electric furnace plant of NUCOR, Jewett, TX, the air conveyor is by FL Smidth, what formerly was known as Fuller, Bethlehem, PA.

And as always, we mention specific companies and suppliers in the interest of information in reporting, not as recommendation..

Pharmaceutical Manufacturing publication, Oct. 05 had an editorial by Paul Thomas "Playing the Villain", using comments on the movie "The Constant Gardner" about a drug problem in Kenya, based on a John le Carre novel, to "vamp" some more about perceived problems in certain industries, image building and correction. In the story the latest public Gallup poll of good and bad guys (image) lists the top and bottom rated industries. Remember, this is an opinion poll by the Gallup method; Top rated: Restaurant, Computer, Farming/Agriculture, Grocery, Retail (1-5 rank), bottom rated (21-25): Federal Government, Pharmaceutical, Healthcare, Legal Field, Oil and Gas. Kind of follows the news and what's happening cost-wise. The top guys seem to have a lot to do with food, computers and shopping. No surprises.

IBA UPDATE

Tom Feldkamp, Executive Director

The 29th Biennial Conference is over and it was a success. There are some pictures in this Newsletter from the Conference. Brian Young put together the collage. I would like to thank Tom Marrero for a very active and progressive presidency. I am confident that our new President, Brian Young, will carry on this tradition.

The new slate of officers and Board members for the next two years are as follows:

- PRESIDENT** – Dr. Brian Young, EnviroSAFE International Pty. Ltd
- 1ST VICE-PRESIDENT** – Thomas Barnett, K.R. Komarek, Inc.
- 2ND VICE-PRESIDENT** – Bruce Moechnig, ADM Alliance Nutrition
- IMMEDIATE Past President** – Dr. Thomas Marrero, University of Missouri
- EXECUTIVE DIRECTOR** – Thomas Feldkamp

BOARD OF DIRECTORS

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| Chris Kozicki, Feeco International Inc. | Darrell Taulbee, Ph.D., Univeristy of Kentucky |
| Paul Language, BECA Pty. Ltd. | |

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Bill Callaghan of Continental Products Corporation, received the Neal Rice Award for his paper “Exploring the Versatility of “Free-Fall Processing®”

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The 2005 IBA Proceedings Volume 29 is in the process of being published. They will be available in early January. All members and all attendees will receive a copy on CD. Extra copies will be available for \$50 (\$35 for IBA members). If a book is preferred there is a limited amount for sale for \$60 (\$42 for IBA members).

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MEET YOUR MEMBERS

We are continuing to profile our Board Members (Tom Barnett) and it has been decided by the Board to also include the speakers from the last conference. The profiles of Sara Gantner of Bepex International, “The Cost to Agglomerate”, and Eugene Kuzub of Alberta Research Council, “Refuse-Derived Fuel from Municipal Solid Waste Residuals: A Feasibility Study”, are in this Newsletter. Sara asked that we mention that the Particle Society of Minnesota is holding its annual program March 8, 2006. You can visit their website at www.particlesociety.org.

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DUES

We will not be sending out notices for dues as the membership dues are paid every two years and will cover a two-year period. Next year is the second year and membership will end in December 2006. If you have not paid your dues, please do so. If you need an invoice, we can email it to you. Individual -\$100, Company -\$200, Consultant – \$150. You can check your mailing label to see if your dues are current. If it says “5/6” you are paid. If you have paid your dues and we have neglected to include you, let me know immediately and I will correct the situation.