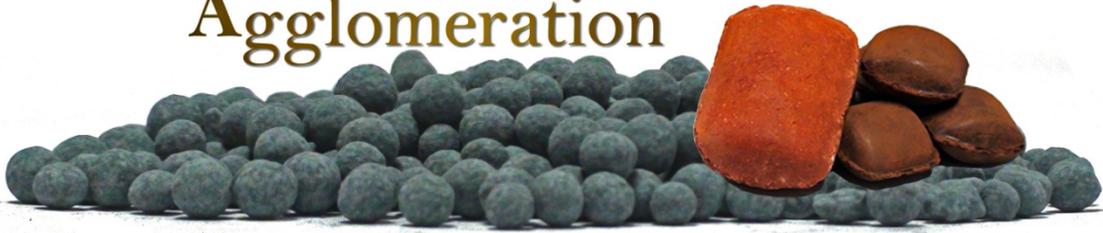


Institute for Briquetting and Agglomeration



IBA Newsletter

Summer 2014



The IBA held its 33rd biannual conference last fall in San Francisco. The conference was considered by all attendees as a success. The workshop was well attended as was the conference itself. As a bonus, Don Swatling, an IBA board member, arranged for a tour of the Clorox pilot plant facilities in Pleasanton, just across the bay from San Francisco. This gave participants a chance to see how small scale agglomeration equipment is used by a large consumer products company to develop “new and improved”

products. Don also arranged for a local historian to explain the origins of San Francisco at the end of Vendor’s night.

As is typical, succession takes place at the conference. Darrel Taulbee assumes the role of President for the next biennium. Jim Torok assumes the role of First Vice President and Joe McHale was nominated and confirmed as Second Vice President. On a sad note, Bruce Moechnig and Francois Hanrot long time board members, have resigned from the board. We look forward to seeing Bruce and Francois in the future.

Following the conference, two new board members were added; Nick Slater and Frank Rafter. These gentlemen bring additional technology sectors to the group. Frank has a long history at Buhler Aeroglide, bringing expertise in the area of post agglomeration drying. Nick, from Freund - Vector Corporation, brings a view from the pharmaceutical industry, especially in areas of tableting and compaction. Though yet to be confirmed, Nick may also assume the role of IBA baseball historian. Welcome to Frank and Nick.

As time flies, the next conference is quickly approaching. It is never too early to start thinking about topics for presentations. The goal for this and every conference is for at least 20 presentations. The ongoing challenge for each conference is in securing presentations. While we seek presentations on the subject of size enlargement technologies (pelletizing, granulation, briquetting, compacting, tableting, extrusion) related topics are welcome. These can be

centered on introduction of technologies new to the conference (drying, as example), case studies, process improvements, binders, economics or any other topic of interest. Certainly, no presentation topic is discouraged. An easy first step to securing presentations is for each member company to commit to a presentation.

As we have seen from our last conferences, subject matter on the borders of agglomeration are welcome. We had two presentations on drying; fluid bed and traveling bed, both used as post agglomeration treatments. We were also treated to excellent presentations related to solids handling and bin flow. These presentations have been well received. Certainly, other related subjects are of interest, such as size reduction, screening or solids handling in general. It is expected that the next conference will be held in Scottsdale, Arizona. While the date is not yet firm, it is expected to be late October/early November of 2015. Details will be posted on the IBA web site once finalized.



Based on the success of the Workshop, it will remain a key component of the biannual conference. Besides losing Bruce Moechnig as a board member, we lose our resident expert on pellet mill principles and operation. This leaves a hole on the program that needs to be filled. It is expected that Tableting will be added to the subject matter at the next workshop. The workshop offers a great opportunity to learn about the basics of agglomeration, and importantly, affords attendees an opportunity to seek answers

to their specific issues from a panel of experts in a relaxed, informal setting.

The overall goal is to continue to grow membership, especially by attracting individuals that are new to the field. An encouraging note is a continued interest and participation of users of agglomeration along with providers of the technology. The Institutes web site, www.agglomeration.org also continues to enjoy significant growth in the number of visits. As the website continues to evolve and update, I would encourage each reader to take a few minutes to peruse the web site. We encourage feed back as to what you see as the site strong suits as well as your ideas on how we can improve upon it to meet you or your associates needs.

With the changes earlier discussed, the makeup of the Board is a follows:

Dr. Darrell Taulbee, University of Kentucky (Current IBA President)
James Torok, Harsco Metals (Current IBA First Vice President)
Joe McHale, Bepex International (Current IBA Second Vice President)
Bob Hinkle, Mars Mineral (Current IBA Executive Director)
Thomas Barnett, K.R. Komarek, Inc.
Pascal Hervieu, Eurraglio, S.A.
Don Swatling, Clorox
Richard Horsfield, Ludman Machine Co.
Michael White, Bepex International
Richard Komarek, K.R. Komarek, Inc.
Chris Kozicki, Feeco Int'l / Sahut-Conreur
Nick Slater Freund - Vector
Richard Steele, JC Steele
Dr. Brian Young, Envirosafe Intl. Pty. Ltd
Frank Rafter Buhler Aeroglide

The IBA is certainly unique in that it puts so much experience in one place at one time.

Upcoming Events

Northeast Powder Show™ - September 16-18, 2014 Somerset, New Jersey

<http://www.pbepowdershow.com/>

POWTECH September 30-October 2, 2014, Nuremberg, Germany

<http://www.powtech.de/en/press/press-releases/powtech-2014-in-nuernberg---pressnews--/?focus=en&focus2=nxps%3A%2F%2Fnueme%2Fpressnews%2F5dbd55c5-548d-4165-8daa-5d499a39bba0%2F%3Ffair%3Dpowtech%26language%3Den>

International BIOMASS Conference & Expo, April 20-22, 2015, Minneapolis, Minnesota

<http://www.biomassconference.com/ema/DisplayPage.aspx?pagelD=Home>

Coal Prep 2015, April 27-29, 2015, Lexington Kentucky

<http://www.coalprepshow.com/cp15/Public/enter.aspx>

The Iron & Steel Technology Conference and Exposition, May 4-7, 2015, Cleveland, Ohio

<https://www.aist.org/conference-expositions/aistech/conference>

ACHEMA June 15-19, 2015, Frankfurt, Germany

<http://www.eventseye.com/fairs/f-achema-13-1.html>

Institute of Briquetting and Agglomeration biannual conference, Fall, 2015

<http://agglomeration.org/conference/>

Member Update

This new section will contain company updates, product developments or updates or any other news that member companies want to get out. Information to this section can be sent to Bob Hinkle or Mike White.

We have news from **Ludman Industries** that they have recently introduced their model #1020 flaking mill. The 80,000 pounds-force unit features 10-inch diameter rolls and can be designed for an explosion-proof environment. Additional details can be found at <http://ludman.net/company-news>



Jenike and Johanson has recently opened an office in Vinhedo, Brazil to better serve customers in this area. For more details, see <http://jenike.com>

Reminder – Yearly Dues

Membership in the IBA is renewable annually. The annual fee is US\$100 for individuals or \$150 for Consultants. If you wish to pay by check, please use the attached form. Renewing members can use this form to indicate any changes. Online payments can be made on the IBA website:

<http://agglomeration.org/about-the-iba/join/pay-dues/>

Note from the Executive Director:



Hello fellow IBAers.

As of this writing we are making preparations for the next IBA Conference to be held in the Fall of 2015 in Scottsdale, Arizona. We go from the City by the Bay to the city where there isn't much water but a lot of great scenery and Southwest flavor!

The conference will include the IBA tradition of becoming "intimate" with the area with excursions to interesting places and fine dining of the local cuisine. But more importantly the conference will include many outstanding presentations concerning the world of agglomeration and the opportunity to network with the many users, manufacturers, academia and consultants who are considered experts in the industry.

Please set aside some time in late October and early November in 2015 to attend the conference. Hotels are being evaluated at the moment and as soon as we select the host hotel we will make an announcement along with registration information.

We all know that the success of the conference depends upon the number and quality of the papers presented as well as open conversation with the authors for in-depth understanding of

the subject. This success comes from your efforts to solicit papers from people and companies that you know that will present a timely and informative paper. If each Board Member would obtain a presentation as well as several from our diverse membership we would have another top notch conference. Let's all do what we can to make this conference a success. It is not too early to ask for contributions. The Board will be meeting in November to make a final decision on the location of the next conference so expect to hear from us shortly after that.

In other news, you will be receiving notification of the yearly dues renewal as well as an opportunity to link your company on the IBA Website. If you know of someone who you think would be interested in becoming a member let me know and I will send them the information. Our Website has been updated and now is very informative on how to join on line as well as other opportunities. You could refer them to www.agglomeration.org.

Speaking of opportunities, you will notice a section of the Newsletter that is geared to spread the good news of new equipment, new employees, new successes etc. of our membership. If you have an item to be included in the next Newsletter please send them to our editor, Mike White at mwhite@bepex.com for consideration. We do reserve the right to do some editing and photos are welcomed.

While we are at it, the "Newsletter" seems to be a title that could use some updating. How about we start a contest for naming the Newsletter? It could be called the "Rolling Stone News" or "Agglo-News" or whatever is chosen by the editor. If you have a name in mind please forward to Mike White and a selection will be made if there is a suitable entry. The reward will be recognition of the winner in the next issue and a free subscription to the Newsletter with a paid membership!

So, keep on briquetting, extruding, rolling, tableting and whatever you do and make plans for IBA 34 in Arizona!

Bob Hinkle

Executive Director

Presidents Message



The primary goal of The Institute for Briquetting and Agglomeration is to provide a forum for industry leaders and experts in the field to come together to form working relations and share information. In that respect, our meeting last November in San Francisco was a resounding success. I am continually impressed at the strength of the friendships and working relationships established by such a diverse group of individuals that for the most part only see each other every two years. I am also amazed at how much there is in common and how much can be learned from talking with individuals

working in such assorted fields as pharmaceuticals, energy, steel, and charcoal, to name but a few. I can honestly say that I gain more from those working relations and interactions than I do from any of the other technical meetings I routinely attend.

As mentioned earlier in this newsletter, our next meeting is tentatively slated for Scottsdale Arizona for the fall of 2015. Scottsdale promises to be another wonderful venue with perpetually sunny days, numerous outdoor attractions within a reasonable drive, and world famous golf courses, restaurants, and art museums. So start making your plans to attend by dusting off the golf clubs and digging out those hiking or dancing shoes from the closet. And remember, it's never too early to begin thinking about putting together a presentation for the next meeting.

Between now and then, don't forget that the IBA's website is a great resource for keeping up with what is going on within the IBA and for getting in touch with other professionals within the industry. For those of you that may be experiencing issues with your particular applications, keep in mind you can always send your questions to iba@agglomeration.org where it will be posted or routed to someone that can lend a hand. Just another service offered by your IBA. We love to hear from you.

With another conference now under our belt, I know we are now all older, wiser, and prettier...well, at least a little older. So keep those cards and letters coming and please don't hesitate to contact myself or members of our executive committee or board of directors if we can be of assistance.

Darrell Taulbee

IBA President

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