

Institute for Briquetting and Agglomeration



Newsletter Fall 2015

No sooner we turn around and it's fall again. We just plain missed putting out a spring newsletter.

34th Biannual Conference



Details for the upcoming 34th biannual conference are set. The conference will be held in Scottsdale, Arizona, at the Firesky Resort and Spa. The dates are Sunday, November 8 through Wednesday, November 11, 2015. As enthusiasm for the workshop is limited this year, something new will be tried. The opening session, Monday morning, will be devoted to the basics of agglomeration. This will

offer a good opportunity to revisit what you long ago forgot or to discover what you have never seen before. Consider it Agglomeration 101.

The conference will begin on Monday morning. Fees are as follows:

Conference (member):	\$695
Conference (non member):	\$795
Conference (guest):	\$375
Table space for Vendors' Night	\$850

As always, papers are required to insure the success of the conference. There still remains a bit of room on the schedule for additional papers. Please provide commitment for papers to Bob Hinkle (iba@agglomeration.org) as soon as ideas come to mind.

Details of the conference and registration forms are found on the website:

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

Spotlight on new board member



Nicholas S. Slater is a Process Development Scientist at Freund-Vector Corporation. Nick's primary responsibilities at Freund-Vector are working closely with customers on process development, scale-up, and process trouble shooting. Nick has worked extensively with pharmaceutical, nutraceutical, agricultural, pyrotechnics, and food industries. Nick has also spoken and conducted hands on laboratory training at multiple seminars throughout the world. These seminars have covered roller compaction, fluid bed granulation, fluid bed coating, and pan coating technology. Nick is currently a member of the Institute for Briquetting and Agglomeration (IBA) and Institute of Food Technology (IFT). Nick previously has worked in the agricultural field and biochemistry field. Nick received his Bachelors of Science from Iowa State University.

Don't forget-Availability of Conference Proceedings

Remember, the hard copy proceedings are available on amazon.com. The list price is shown as \$50 but lower priced options are available. There is also free shipping.

http://www.amazon.com/s/ref=nb_sb_noss?url=search-alias%3Dstripbooks&field-keywords=institute+for+briquetting+and+agglomeration

Upcoming Events

Southeast Powder Show and Conference, October 6-8

<http://pbepowdershow.com/>

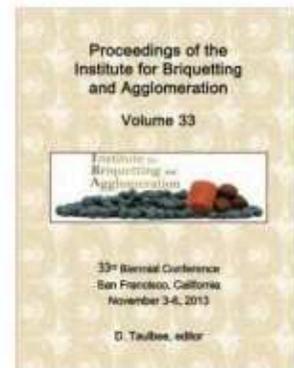
Institute of Briquetting and Agglomeration *biannual conference, November 8-11, 2015*

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

Member Updates

Freund-Vector

The Freund-Vector TFC–Lab Micro Roll Compactor is a bench-top product development compaction system for dry powder compaction and granulation with a through put capacity range of 5g – 1kg/hr. Uniform compacted sheets are produced with consistent hardness and density.



A cantilevered roll design provides easy changeover and removal of the rolls for process flexibility and cleaning. The stainless steel tapered single screw feeder, de-aerates and pre-compacts the material as it is fed into the roll compaction zone. An optional rotary granulating mill is available to process the compacted material into granules. The manual process control system provides control and a digital readout for the roll and screw speed. Roll compaction pressure is electronically adjusted and has a pressure gauge for the pressure setting readout. Power source is 100/110, 50/60, 1 Phase.



Freund-Vector Corporation
Marion, Iowa
Tel: 319-377-8263
Email: sales@freund-vector.com
Web: www.freund-vector.com

Bühler Aeroglide

The new AeroDry industrial dryer is designed for extrusions, granules, flakes, briquettes, flakes, and raw feedstock products. It's engineered to serve a wide array of processing applications including polymers, fine chemicals, minerals, catalysts, biomass, construction materials, organic and inorganic products, and agricultural and petrochemical derivatives.

Hallmarks of the next generation AeroDry include robust, high-strength construction with an enhanced frame and enclosure integrity. These design features eliminate the loss of heated air, which reduces energy use as well as room contamination in the form of dust and vapors. Engineered for the most challenging drying conditions, the new AeroDry is suitable for production rates up to 100 tons per hour while accommodating temperature extremes and managing thermal expansion requirements.



It's also fully automated for operation without manual intervention, and this results in better management of product profiles and corresponding reduction in thermal energy through modulation of energy loads, as well as electrical power reduction requirements. A precision control system ensures uniform conveyor loading and maximizes the overall consistency of the products final moisture content or thermal treatment.

For reliability and maintainability, the new industrial dryer allows 100% access to the full dryer interior and all moving parts. This translates into a higher sanitation capability and means the

processor can expect a quicker changeover, without cross contamination, as well as an overall reduction in cleaning time. Processors will also find routine maintenance easier now that regularly serviced areas are externally designed to minimize downtime.

For critical applications with aggressive handling requirements, specially designed rotating pickers or breaker guides can be added to loosen the product on the conveyor, ensuring an even flow of product to the breaker system. Constructed of stainless steel, the picker system can be mounted in varying locations to optimize effectiveness.

Bühler Aeroglide
Cary, NC,
Tel: 919 851 2000
Web: www.buhlergroup.com/drying

Note from the President:



It's hard to believe that it's been nearly two years since our meeting in San Francisco yet here we are, making our final plans to reconvene in Scottsdale Arizona for what is shaping up as another fun and informative gathering. Our executive director, Bob Hinkle, has arranged for what looks to be an outstanding venue at the Firesky Resort. Located in the sunny southwest, our four-day gathering will let us renew old friendships, make new connections, and for those of us in the northern hemisphere, to soak up those last rays of summer before hibernation.

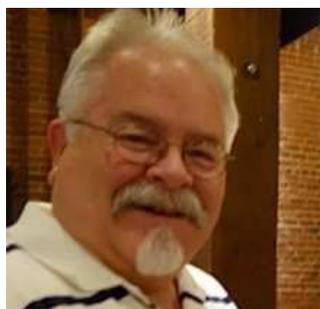
As in the past, this year's meeting will offer a diverse range of topics and several networking opportunities. However, what is different this year and what I am most excited about is that instead of offering an agglomeration workshop on Sunday for a fee, this year's technical sessions will kick off with a free agglomeration tutorial Monday morning. Not only should this provide first-time attendees an introduction to the wide range of techniques and applications of agglomeration but should prove valuable to our regular attendees (particularly those of us that were too cheap to spring for the workshop each biennium). I believe the tutorial is in keeping with one of, if not the most important mission of the IBA which is to provide a forum for disseminating knowledge. I know of no better way of doing that than to have attendees learn firsthand from several of the world's leading experts. The instructors for that session will literally be sharing decades of practical experience and I for one am very much looking forward to it.

For those of you that may be new to an IBA meeting, I would like to point out our guest program which allows guests to participate in all social events including vendor's night, the Monday night reception, and our Tuesday night's social and banquet. Guests will also enjoy a guided event on Monday while the rest of us attend technical sessions. Let's see, guests get to eat, drink, and see Scottsdale attractions.... maybe I signed up for the wrong program. But seriously, after bringing my wife to her first IBA meeting several years ago, I wouldn't dare now attend without inviting her. She loves the meeting venues and the people who have made her feel welcome and whom she has befriended.

So, no matter the reason, networking, technical sessions, tutorial, the last call of summer, or just a 4-day getaway with a guest, please join us in Scottsdale. I think you will be glad you did.

On a final note, my two year term as president of the IBA will conclude with Scottsdale. This is where I am expected to say "it was truly an honor to have served the IBA, that it was a real pleasure working with the IBA's board of directors and in particular with our executive director, Bob Hinkle, and that I know for fact that the incoming president, Jim Torok, is going to work really hard and do a tremendous job". OK, I'll say it. Everyone one of those things is true. I am grateful for the opportunity to have served but more importantly, since we weren't sued, the IBA didn't disband, and Bob didn't walk away in disgust while making obscene hand gestures at me, then I must consider my reign a resounding success! (Note-this is where I am expected to add "lol" to the last sentence but I hate that acronym... but you get the message).

Note from the Executive Director:



Hello fellow IBAers,

The 34th Conference is practically upon us and we are looking forward to a good meeting with a lot of interesting papers being presented.

We urge you to make your hotel reservations because the rooms have been going quickly and the rate is only guaranteed until October 8th, while they last. I have heard that the non-conference room rates are nearly double the contracted rate.

The program has been changed somewhat in that the Workshop has been moved to the Monday morning session. This was done to enable the entire conference attendees to be educated on the various forms of agglomeration, taught by experts in each category. This eliminates the workshop fee and makes it more affordable for those that want to learn more about agglomeration yet be able to sit in on the conference papers as well.

Try to make the "Vendors Night" display on Sunday night where select vendors will have table-top exhibits and will be able to answer any questions you may have on a specific application. It is a great opportunity to participate in a relaxed atmosphere while munching and drinking your favorite beverage. This reception is also an opportunity to meet other attendees, presenters and guests.

The conference will continue on Monday morning with the registered attendees assembling in the meeting room for the first sessions of the conference. For the guests, get a good night rest and work up an appetite for your walking culinary tour of Old Town Scottsdale. Your guide will fill you in on the history of Scottsdale and you will sample food from several restaurants in Old Town. On your tour you can also scout the shopping opportunities in Old Town for a visit later in your stay. The tour will last for approximately three hours. Remember what happened on the last famous "three hour tour"? Some people were stranded on a tropical isle for a long time. We don't want this to happen in Scottsdale so at the end of the tour you will be on your own to return to the hotel

or visit the many attractions in the immediate area that include gift shops, many points of interest and upscale shopping.

Don't get completely worn out however because you will want to attend the Monday night reception at the Hotel. There will be an open bar and Hors d'oeuvres and some entertainment for your enjoyment. From there you are on your own to enjoy some Southwestern cuisine in the many nearby restaurants.

Tuesday will bring another round of papers to be presented and the guests can lounge by the fabulous pool, enjoy the spa or take in the sights on a non-IBA sponsored day. Tuesday evening is the President's Banquet where we all get together for a buffet dinner and the transferring of the gavel to the new president.

Wednesday will be a half-day event with papers and the Membership Meeting to accept new appointees, policies and to take a preliminary vote on the next meeting location.

We are all looking to meet you and to reacquaint with members and to have a great meeting. Hope you all can make it.

Thanks everyone and I am looking forward to seeing you in Scottsdale.

Bob Hinkle
Executive Director