

PACKAGING PREVIEW



IFT18
July 15–18, 2018 | Chicago, IL

by Claire Koelsch Sand

A Lot to Pack in at IFT18

Those with interest in food packaging can connect, form new ties, and learn at IFT18. With four days of science-based packaging insight, there is a lot to pack in at the annual event.

Packaging Sessions

During the IFT18 Scientific Program, a number of food packaging sessions will take place. In session 017, “Advances and Challenges in the

Design, Development, and Implementation/ Commercialization of Novel Food Processing and Packaging Technologies,” on Monday, July 16, from 10:30 a.m. to noon, Reister-Davis-Brody award recipient Jung Han will discuss the challenges and opportunities in developing new packaging for tofu.

During session 041, “How E-Commerce Is Changing the Food Packaging Landscape,” on Tuesday, July 17, from 10:30 a.m. to noon,

presenters Kerri Clark, Sergi Salva Saez, and Jonathan Slagle will highlight how food packaging is evolving to fulfill online shopping of food and beverage needs and how packaging helps make food distribution viable for e-commerce.

During session 085, “The Future of Food Packaging,” on Wednesday, July 18, from 10:30 a.m. to noon, Dan Ahern, Sunil Mangalassary, Scott Morris, and Claire Sand

Exhibitor Information

Descriptions of some of the packaging-related exhibitors at the IFT18 food expo follow.

Well-suited for specialty ingredient powders, airtight *Termalock* powder bags from flexible packaging systems manufacturer Fres-co protect



against moisture, dehydration, aroma transfer, and oxidation. Each bag features a one-way degassing valve with a built-in vent chamber that prevents contaminants from clogging the valve’s mechanisms and reducing sealing efficacy. Empty bags

store flat and have been designed so that they can be stacked easily and efficiently on pallets when filled. Compatible with industry-standard open-mouth filling machines, the bags are also easy to fill.

According to Fres-co, customers have reported ingredient shelf-life extension of up to two years when they use *Termalock* powder bags. *Fres-co System USA*, fresco.com, Booth S5239

Plastic bags and films supplier Flex Packing is committed to product quality and sustainable practices. The company is an authorized user of d2w oxo-biodegradable technology, which allows plastic materials to biodegrade in an open environment, leaving no toxic residues or plastic fragments behind. Flex Packing offers plain and printed films and plain and printed polyethylene perforated bags on a roll. *Flex*

Packing, flexne.com.br, Booth N6709

The new patent-pending *Vertex* liquid liner helps reduce residue when highly viscous products are transported or stored. It is designed for Arena Products’ *A330* shipping system as well as other intermediate bulk containers. Arena Products supplies a broad array of solutions for shipping and storing liquids in bulk form, including container management programs that feature the *A330*, a shipper that can be used to replace rigid metal tanks, saving users space, time, and money. *Arena Products*, arenaproducts.com, Booth S4031



A supplier of fiber-based corrugated packaging, International Paper offers *ReadyFill* and *SpaceKraft* intermediate bulk containers. *ReadyFill* arrives ready to fill, complete with a form-fit liner installed; it requires no set-up labor. It is compatible with the kind of automated filling equipment that is often used with standard drums and totes. Made of 100% renewable fiber, *SpaceKraft* can be used for a broad range of food and beverage applications. It is configured with an inner liner, can handle capacities ranging from 110 gal–330 gal, and is offered in footprints to match a large assortment of pallet and shipping specifications. *International Paper*, internationalpaper.com, Booth S2044

A Lot to Pack in at IFT18 continued...

will discuss issues that are critical to the future of food packaging. Topics that will be explored include projected applications, and areas for research. This session is sponsored by Phi Tau Sigma.

Printed poster and e-poster sessions in the food packaging category will be presented on Tuesday, July 17, from 3 p.m. to 5 p.m. Some of the topics the posters will cover include the following:

- modulating the surface properties of zein films for improved food packing;
- cranberry pomace extract as an edible separation sheet for fruit leather;
- development of electrospun film using used tea leaf for antimicrobial packaging;
- effect of barrier properties

of polymer pouches on shelf life of microwave-assisted thermally sterilized ready-to-eat macaroni and cheese;

- food packaging requirements for in-package cold plasma treatment of mixed vegetables;
- development of humidity-triggered edible packaging containing nanoemulsions of juniper berry, fir needle, and rosemary essential oils; and
- electrospun antimicrobial chlorogenic acid film on food wrap.

Exhibits

Among this year's Food Expo exhibitors are Barrington Packaging Systems Group (bpsgusa.com) at Booth S3302, Dixie Canner Co. (dixiecanner.com) at Booth S813, International Paper (internationalpaper.com) at Booth S2044, and Skypac

Solutions (skypacsolutions.com) at Booth S321, which will all have their packaging solutions on display. Campden BRI (campdenbri.co.uk) at Booth S2040, EMSL Analytical Inc. (emsl.com) at Booth S742, GEA Group (gea.com) at Booth S1626, and Mérieux Nutrisciences (merieuxnutrisciences.com) at Booths S442 and S618 will discuss the package testing options they offer on the Food Expo floor.

Making Connections and Food Packaging Division News

An awards presentation and networking social for the Food Packaging Division will take place on Monday, July 16, from 6 p.m. to 8 p.m. at the Chicago Hilton. The Food Packaging Division will have a table at the IFT division networking reception

on Tuesday, July 17, from 4:45 p.m. to 6:15 p.m. at McCormick Place.

Food Packaging Division student representatives Sravanthi Budaraju, Maria Espinosa, Juhi Patel, Hannah Pepper, and Chandrashekar Ravindra Sonar continue to bring energy and perspective by working on the division's newsletter and social events. In addition, the Food Packaging Division is pleased to announce that Curtis Stowe, senior principal packaging engineer, ConAgra, will attend IFT18 this year as a new member of the executive committee. **FT**



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