

FOOD AUTOMATION AND MANUFACTURING



A VIRTUAL EVENT
SEPTEMBER 14-16, 2020

NEW DECADE — NEW CHALLENGES — NEW SOLUTIONS

VIRTUAL PORTAL OPEN THROUGH AUGUST 2021

PROGRAM
SPONSORED BY:



PRODUCED BY:



FOODAUTOMATIONCONFERENCE.COM

Will your plant be ready to stock these shelves?

Expiration dates are critical when it comes to food manufacturing. Deadlines are critical when it comes to construction. As a partner you can count on, we won't let your project expiration date pass. Alberici has the resources and process knowledge to deliver your facility with time to spare.



Alberici

Victoria Fleddermann • Director Business Development
800.261.2611 x32256 • victoria@alberici.com • www.alberici.com



WELCOME



#FAMConf

Dear Food Automation & Manufacturing Attendee:

The entire FA&M Virtual team extends a very warm welcome to you!

If you have already registered, thank you for your continued support through a year of uncertainty. If you haven't had the chance to register yet, visit www.FoodAutomationConference.com now to sign up! With expanded networking and education available through August 2021, it's never too late to participate in FA&M Virtual.

Within these pages you'll discover information about EVOLVE, our virtual platform. We're also offering a look at the final virtual agenda, filled with exceptional educational sessions presented by loyal and dedicated speakers. Finally, you'll find the most steadfast virtual exhibitors and sponsors in the industry. These companies are helping advance our industry daily, especially during these truly unique times.

Thank you for attending FA&M Virtual. We look forward to "seeing" you during the conference!

Food Engineering Staff





Drive Smarter Decisions Through Analytics

Through digital transformation, manufacturers can achieve full integration and connection between production control and reliability, quality, and energy monitoring. This allows for collection of relevant real-time data, that is then converted through analytics to actionable insights—resulting in faster issue resolution. With Emerson, manufacturers are empowered to start or advance a digital transformation strategy to reach new levels of connection and operational excellence.

Learn more by attending our session:

***Achieving Next Level Plant Performance
Through Digital Transformation***

Monday, September 14

3:00 p.m. – 3:30 p.m. EST

Presenter

Marcus Parsons
Food and Beverage
Global Industry Director



The Emerson logo is a trademark and service mark of Emerson Electric Co. ©2020 Emerson. All rights reserved.

CONSIDER IT SOLVED™

GENERAL INFO



Welcome to Food Automation & Manufacturing 2020, a completely virtual event!

FA&M would like to take this opportunity to mention a few details you may find helpful before, during, and after the conference.

Please take a moment to view the Virtual Portal How-To Video above.

PRE-EVENT

REGISTRATION INFORMATION

You still have time to register! With interactive features running through August 2021, you can register at www.FoodAutomationConference.com.

WHAT IS EVOLVE?

EVOLVE is the platform through which we're bringing you FA&M. You'll need to log in to EVOLVE to gain access to the conference. Watch the video above for a brief how-to guide!

EVOLVE ACCESS

Visit the [EVOLVE portal here](#). Enter the email address you registered with and the Reference Number sent to you in your confirmation email. If you cannot locate your Reference Number, follow the directions on the login page.

TELL US WHO YOU ARE

Start off by visiting the MY PREFERENCES pages! This important step confirms your identity and helps better connect you with fellow attendees who have similar interests. You can also upload a photo of yourself.

DURING THE EVENT

EDUCATIONAL ACCESS

EVOLVE is your portal to the virtual sessions! Visit the SESSIONS page and click on the session banners to log in and view educational content. You can also build your own agenda by adding the sessions you're most interested in to "My Agenda" and getting reminders! Visit the SPEAKERS page for speaker bios and to see their hosted sessions.

FIND YOUR PEERS

Select the ATTENDEES tab from the toolbar to see a full list of registered attendees, speakers, sponsors, exhibitors, and show staff. Sort and filter your way to view profiles, send messages, and schedule meetings!

DISCOVER SOLUTIONS

On the EXHIBITORS & SPONSORS pages, you can view our partners' information, including logos, contact info, company descriptions, social media pages, and links to their websites. While we're not meeting in-person, we still have an interactive floorplan for you to explore. Finally, check out the Brochure & Video Library, where you'll find materials from the conference and from our partners.

POST-EVENT

WHAT ARE YOUR THOUGHTS?

After the event, an attendee survey will be sent via email. Please complete the survey. Your opinion and suggestions are important to us and will help us to make FA&M 2021 even better!

EXTENDED LEARNING

As we've said, all educational sessions will be available on-demand through August 2021! Want to go back to catch a point you missed? Or review a graph a speaker referenced? No problem! Access the entire conference whenever you want for one year!

CONTINUED NETWORKING

With the virtual component of EVOLVE, you can keep the conversation going. You can still send and receive messages and join the community message boards to discuss your favorite topics long after the last session on September 16!



PI SYSTEM™:

THE INSIDE SECRET OF DIGITAL TRANSFORMATION IN FOOD & BEVERAGE

DATA IS YOUR MOST VALUABLE ASSET: START USING IT.

OSIsoft's PI System gives food and beverage manufacturers real-time insight into operations to ensure brand integrity and quality, increase productivity, reduce costs and, ultimately, transform the way they run their business.



QUALITY & CONSISTENCY

Deschutes

Real-time data for brewing consistency and 4% decrease in total fermentation time.

[LEARN MORE](#)



OPERATIONAL EXCELLENCE

Hershey

Maintenance costs decreased by 33%, throughput losses by 30%, quality losses by 22%.

[LEARN MORE](#)



FOOD SAFETY

Tyson Foods

Improved QA compliance while cutting waste by 50% and saving 8 man-hours daily in QA reporting.

[LEARN MORE](#)



CONTINUOUS IMPROVEMENT

Abbott Nutrition

Manufacturing intelligence to go from reactive to proactive monitoring.

[LEARN MORE](#)



SUSTAINABILITY

Kellogg's

Uses operational data to save \$3.3 million a year in water and energy costs.

[LEARN MORE](#)



ADVANCED ANALYTICS

Pernod-Ricard

Predictive models for distillation process to maintain premium product quality.

[LEARN MORE](#)



TO **LEARN MORE** ABOUT WHAT THE PI SYSTEM CAN DO,
VISIT THE **FOOD & BEVERAGE WEBSITE** OR CONTACT US **HERE**.

The Scale Bucket-Piston Filler-Tray-Pallet-Bucket-Barrel-Hose – and More Washer.

**DON'T SEE
YOUR PART?**

Don't worry.
We've probably
cleaned it.



Sani-Matic's SaniCab® P Series

Find significant labor savings and productivity improvements across your plant with one product – the automated Sani-Matic SaniCab® P Series Cabinet Washer.

The SaniCab and its customizable rack and transfer cart system give you the flexibility to clean your large and small process parts so you get more clean with one machine.

Make 2020 the year you identify those process parts still being cleaned by hand—and switch to automated cleaning. Contact Sani-Matic to make the switch to savings easy.



SANI-MATIC

Sani-Matic, Inc.

800-356-3300

sanimatic.com



AGENDA AT A GLANCE

MONDAY, SEPTEMBER 14

8:10 - 8:30 a.m. EST

Opening Remarks —The State of Food Manufacturing
Casey Laughman, Editor in Chief, *Food Engineering*

8:30 - 9:15 a.m. EST

ENGINEERING KEYNOTE

**Engineering 101:
Managing the Managers**

Joe Zembas, Senior Manager,
Reliability Engineering,
The J.M. Smucker Company



Sponsored By:
SIEMENS
Ingenuity for life.

10:30 - 11:15 a.m. EST

The Fundamentals of Hygienic Design

Duane Grassmann, Corporate
Hygienist, Nestlé USA & Canada

Sponsored By:
EMERSON

11:15 a.m. - 12:00 p.m. EST

**Analytics Excellence
Across Multiple Plants**

Todd Wilson, Senior Vice President
of IT, Clif Bar



Sponsored By:
SHICK ESTEVE
LABOR GROUP

12:00 - 3:00 p.m. EST

Virtual Expo - Open throughout the event

3:00 - 3:30 p.m. EST

**Achieving Next Level Plant Performance
Through Digital Transformation**

Marcus Parsons, Global Industry
Director - Food and Beverage,
Emerson Automation Solutions

Sponsored By:
EMERSON



TUESDAY, SEPTEMBER 15

9:00 - 9:45 a.m. EST

AUTOMATION KEYNOTE

Creating a Sustainable Performance System

Daniel Stauff, Director, Operational Technology, SugarCreek
Craig Langhals, Senior Director, Manufacturing Optimization,
SugarCreek

10:30 - 11:00 a.m. EST

**Why Data is the Secret Ingredient
for the Food and Beverage Industry**

Sponsored By:
OSIsoft

Ted Combs, Industry Principal, Food & Beverage, OSIsoft

11:00 - 11:30 a.m. EST

**The Growing Importance of the Digital Threads
Across the Food & Beverage Product Lifecycle and
Associated Systems**

Nina Verstandig, Digital Enterprise
Industry Manager for CP&R, Siemens
Digital Industry Software

Sponsored By:
SIEMENS
Ingenuity for life.

11:30 a.m. - 12:00 p.m. EST

**The Necessity of Sanitary Conveyor Design in Today's
Modern Food Processing Facilities**

Rick Milner, Sr. Technical Services
Representative, Wire Belt Company
of America

Sponsored By:
wirebelt

1:00 - 1:30 p.m. EST

Food Engineering's Food Plant of the Year

Brad Borkowski, Senior Project Manager
and Jeff Nagle, Plant Manager at
The J.M. Smucker Company

Sponsored By:
DENNIS GROUP

1:30 - 2:15 p.m. EST

Bringing Together OT and IT

Hugh Roddy, VP of Global Engineering
and Project Management, Chobani

Chobani
Sponsored By:
PLEX

2:15 - 2:45 p.m. EST

The Sustainable Plant of the Year

Rick Becker, Chief Operations Officer
and Jason Ivanic, Manager, Engineering
at MycoTechnology Inc.

Sponsored By:
MycoTechnology

3:00 - 3:45 p.m. EST

What Blockchain Can't Do

Joseph Basile, President, Catania Oils





**Your recipe automated
to perfection.**

*Food-focused for over 60 years.
Global resources that deliver.*

shickesteve.com



AGENDA AT A GLANCE

WEDNESDAY, SEPTEMBER 16

9:00 - 9:30 a.m. EST

WOMEN IN FOOD

MANUFACTURING KEYNOTE

Gail Becker, Founder and CEO, CAULIPOWER



9:30 - 10:15 a.m. EST

A Panel Discussion with Women in Food Manufacturing

MODERATOR: Gail Becker, Founder and CEO, CAULIPOWER

PANELISTS:

Christie Lagally, Founder and CEO, *Rebellyous Foods*

Jasmine Sutherland, President, *Texas Food Solutions*

Suzanne Kopcha, Vice President Consumer Products & Retail Industry, *Siemens Digital Industries Software*

10:15 - 11:00 a.m. EST

The Engineering Challenges of Plant-Based Meat

Christie Lagally, Founder and CEO,
Rebellyous Foods



11:00 - 11:45 a.m. EST

Plant Dynamics Unique to Emerging CPG Brands

PANELISTS:

Jasmine Sutherland, President, *Texas Food Solutions*

Walter Nimocks, CEO, *Just Made Juice*

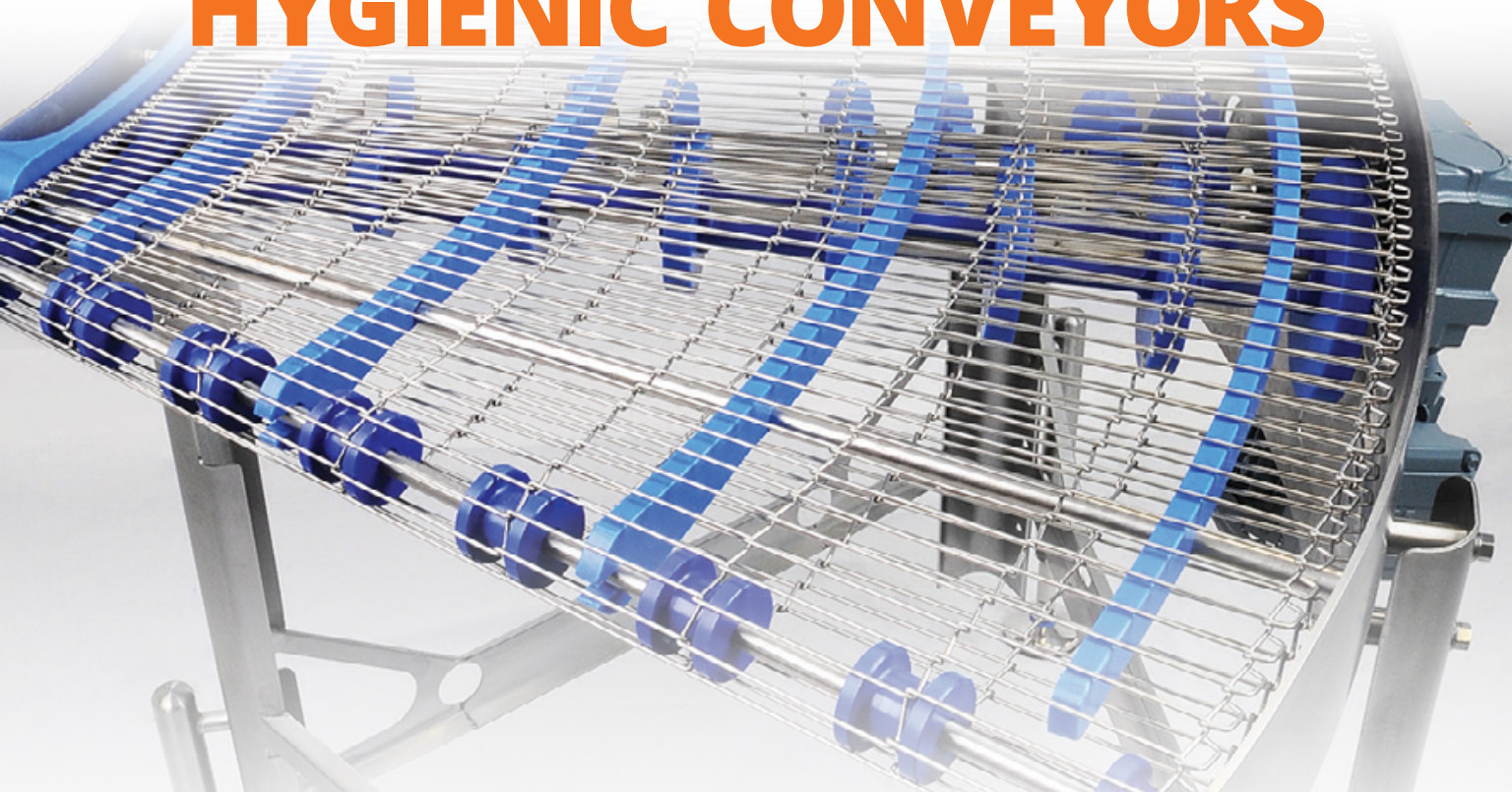
11:45 a.m. EST

Conference Adjourns

READ FULL
SESSION
DESCRIPTIONS
AND SPEAKER
BIOS ON
EVOLVE

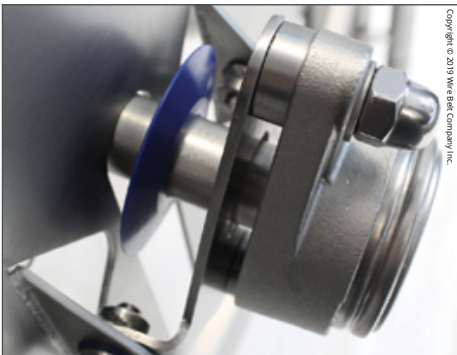


NEW! ENHANCED HYGIENIC CONVEYORS



Copyright © 2019 Wire Belt Company, Inc.

- **Simplified wash-through construction.**
- **Open section leg frames.**
- Clean-in-place.
- Easy to sanitize, clean and maintain.
- High density blue plastic components.
- No place for bacteria and allergens to hide!



Copyright © 2019 Wire Belt Company, Inc.

CONVEYORS AVAILABLE

- > **Flex-Turn® conveyors**
- > **Ladder-Flex™ spreading, converging, diverging conveyors**
- > **Straight conveyors**



Call for more information: (603) 644-2500

Wire Belt Company of America | Londonderry, NH 03053 | Phone: 603-644-2500 | Email: sales@wirebelt.com

WWW.WIREBELT.COM

FOOD AUTOMATION AND MANUFACTURING

FA&M

A VIRTUAL EVENT

2020 VIRTUAL EXHIBITORS

Alberici Constructors

Baumer

CRB

Ekhosoft Inc.

Flexlink

GF Piping Systems

Interstates

KROHNE, Inc.

MacDermid Envio

OSIsoft, LLC.

ParityFactory

Plex

Schenck Process

Seegrid

SeQent

Shick Esteve

Siemens Digital Industry Software

SlipNOT

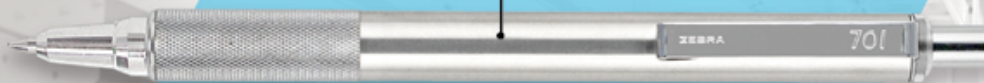
Southwest Research Institute

Tippmann Group

Vecna Robotics



All metal construction ensures metal and x-ray detectability.



STEEL F-701 ALL METAL Ballpoint Retractable Pen

Because food
safety matters.
Make it happen.

Choose Different
ZEBRA



Is your pen up for the task? Made of metal, inside and out, STEEL F-701 ALL METAL Pen is **x-ray and metal detectable**, even when disassembled. Strong and reliable, this pen is highly durable and helps you commit to your everyday safety and quality standards, with style. Don't settle for ordinary. **Choose Different.**

ZebraPen.com



IMPROVE OPTIMIZE GROW

FUEL YOUR SUCCESS.

ENGINEERING | ARCHITECTURE | CONSTRUCTION | CONSULTING



FOOD
ENGINEERING
Food Plant
of the Year
2020

**WE GO TOGETHER
LIKE PEANUT BUTTER & JELLY**

**Congratulations to our long-time partner,
The J.M. Smucker Company.**

We've worked with The J.M. Smucker Company for almost two decades, helping them deliver the popular Smucker's® Uncrustables® frozen handheld sandwiches. You could say we go together like peanut butter and jelly. Our teams supported the efforts to bring the Company's newest Uncrustables manufacturing facility on line in less than two years. We think that's something to celebrate. Congratulations to the project teams whose hard work made it all possible!

**DENNIS
GROUP**

dennisgroup.com
info@dennisgroup.com
+1.888.514.7270
United States • Canada • Brazil • Portugal

The background of the entire page is a photograph of a large industrial facility, likely a brewery or food processing plant. It features massive stainless steel tanks and a complex network of pipes. A worker in a white lab coat and hairnet is visible in the foreground, interacting with the equipment. Overlaid on the scene are glowing, neon-like digital lines and a wireframe cube, symbolizing digital technology and data integration.

SIEMENS

Ingenuity for life

Tuesday,
September 15
11:00 to 11:20
AM

Speaker: Nina
Verstandig
Siemens
Digital Industry
Software

The growing importance of the Digital Threads across the food & beverage product lifecycle and associated systems

Digital Threads are integrated, value-driven processes anchored in the comprehensive Digital Twin across product, production, and performance. Automation plays a key role in enabling the seamless transition from the virtual world to the real world by virtually commissioning modular equipment and lines and allowing for the required flexibility in manufacturing. Master the interaction between the digital and physical worlds and deliver speed to market by combining automation engineering with simulation, optimization and virtual validation.

[siemens.com/software](https://www.siemens.com/software)

FOOD AUTOMATION AND MANUFACTURING



A VIRTUAL EVENT



THANK YOU TO THE 2020 FA&M SPONSORS

GOLD SPONSORS



Alberici



**DENNIS
GROUP**



PLEX®



SIEMENS
Ingenuity for life



SILVER SPONSORS

DORAL
MILLWRIGHT | RIGGING | FABRICATION



ZEBRA

IT'S TIME TO GET SMART

Smart Technology Will Save Your Plant Floor

- Enable Full Traceability
- Make Decisions from
Anywhere Anytime
- Accelerate Growth



Get Your eBook

plex.com/TimeToGetSmart



Born on the plant floor and purpose built in the cloud, Plex delivers the first smart manufacturing platform that gives manufacturers the ability to connect, automate, track and analyze every aspect of their business. By providing visibility from the plant floor to the top floor, Plex delivers the integrated quality and control manufacturers need to make world-class products and drive business transformation.

DORAL

MILLWRIGHT | RIGGING | FABRICATION

- Equipment Rigging & Setting
- Structural Steel Fabrication & Reinforcements
- Plant Relocations
- Conveyor Installation
- Stainless Steel & Misc. Metals Fabrication
- Maintenance Support Services

www.doralcorp.net



Enjoy the Food Safety Summit, Safely!

OCTOBER 19–22 | 2020

Register now to access all the community, education, and solutions the Virtual Food Safety Summit has to offer, delivered to you from the comfort and safety of your home or office!

www.FoodSafetySummit.com

GOLD SPONSOR



BRONZE SPONSOR



MEDIA PARTNERS



Food Safety News



OWNED AND PRODUCED BY:



A Supplement of BNP Media

FOOD AUTOMATION AND MANUFACTURING

FA&M

CONFERENCE AND EXPO

Join us for FA&M 2021 as we continue to explore the latest trends and technologies in manufacturing, automation, sustainability and food safety.



SEPTEMBER 12-15, 2021
MIAMI, FLORIDA

WWW.FOODAUTOMATIONCONFERENCE.COM

LET ALBERICI BE THE KEY TO YOUR SUCCESS.

- » Project Definition Services
- » Construction Management/GC
- » Design-Build

**Where Tomorrow
Gets Built Today**

Offices throughout the
United States, Canada,
and Mexico



Alberici

Victoria Fleddermann • Director Business Development
800.261.2611 x32256 • victoria@alberici.com • www.alberici.com

