**EDITORIAL CALENDAR 2021**

### JANUARY

**How COVID-19 is driving automation:**
With COVID-19 causing illnesses and disruptions in food and beverage plants, processors are turning to automation to help support operations.

**Securing operations:**
Ensuring reliable suppliers need an even more robust strategy.

**The rise of alternative protein:**
Alternative protein continues to grow as a replacement for meat. A look at the alternative protein market and how it is evolving, including legacy manufacturers who are entering the market.

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### FEBRUARY

**The Food Safety Issue:**
Innovation in food and beverage processing: A look at the newest and most improved technologies being used in today's food and beverage plants. With reader input on their preferred tools to meet production goals and safety requirements. Topics include advancements in IoT, robotics, automation and AI.

**Cybersecurity: The human touch:**
There isn't all that much new under the sun, but humans still fall for the same old tricks—often disguised—allowing the bad guys entrance into your network. What processors need to know about educating employees to fight hacking attempts.

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### MARCH

**Fabulous Food Plants:**
FE editors take an inside look at innovative processors that focus on lean manufacturing, sustainability and food safety initiatives.

**The Innovation Issue:**
Innovation in food and beverage processing: A look at the newest and most improved technologies being used in today's food and beverage plants. With reader input on their preferred tools to meet production goals and safety requirements. Topics include advancements in IoT, robotics, automation and AI.

**Supply chain:**
Lessons learned from other industries: A look at strategies and tactics food and beverage processors are learning and applying from other manufacturing industries, including adoption of IoT and robotics throughout the food production process.

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### APRIL

**The visualization of production:**
Automation and data collection tools offer processors more information than ever before, but they have to be able to manage it to get the most benefit from it. A look at what processors can do to use the data they collect.

**Smart packaging technology:**
Packaging companies are offering more options for embedding codes and tracking technology in packaging. Here’s how processors are integrating the innovations in their lines and a look at what’s in the pipeline.

**Safety culture:**
A strong commitment to root out the source of positive environmental tests is key to a strong food safety management system that prevents recalls. Here are tools and steps to help.

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### MAY

**Cybersecurity: The human touch:**
There isn't all that much new under the sun, but humans still fall for the same old tricks—often disguised—allowing the bad guys entrance into your network. What processors need to know about educating employees to fight hacking attempts.

**Digital printing:**
How digital printing is offering processors flexibility, adaptability and speed of response to labeling or regulatory changes.

**Food safety column:**
How the two systems work together to ensure food safety and quality.

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### JUNE

**The Construction Issue:**
Each year, FE compiles the industry’s most comprehensive listing of food and beverage plant projects costing $1 million or more.
### Exclusive

**42nd Annual State of Food Manufacturing Report:** FE’s annual industry report looks at the food safety, sustainability and automation challenges facing food and beverage processors and uncovers the top trends in manufacturing.

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### Food Safety

**Understanding and applying OEE:** How processors can collect and manage operating data to understand their overall equipment effectiveness and what it means.

**Packaging section**

**Dry Processing:** Weighing Engineering R&D

**New Plant Products:** Precision spraying & coating systems

**The state of food safety:** How processors are adapting to the full implementation of FSMA and what comes next in a post-COVID world.

**Managing updates:** No matter how hard you plan for firmware, operating system or application updates, they always come at the wrong time and can interrupt processes and business. Here are some pointers for keeping your process and business up and running.

**Tech Update:** Automatic storage and retrieval systems

**PdM and beyond:** How predictive and prescriptive maintenance management systems can save you money and your business

**Tech Update:** What AI can do for you: How AI can help with business forecasting, commodities and supply chain issues.

### Automation/Software/Controls

**IFT 2021**

July 18-21 • Chicago

**F&M 2021**

September 12-15 • Miami

**PACK Expo 2021**

Sept. 27-29 • Las Vegas

**Supply Side West**

October 25-28 • Las Vegas

**Lessons learned:** Insights from F&M speakers and attendees on what they have learned about operations and management during their careers.

**Automation:** Sitting down with your systems integrator How to choose a systems integrator and how to prepare for planning an automation strategy.

### Processing & Packaging Technology

**Supply chain management systems:** How to maintain your inputs and outputs while ensuring integrity, safety and transparency.

**Packaging section**

**Dry Processing:** X-ray and metal detection

**Engineering R&D**

**New Plant Products:** Drum motors, motors and drives

**What’s new in produce safety?** What machines, logistics tools and supply chain services (blockchain, etc.) are helping with more stringent track and trace requirements?

**Working with fermentation and/or yeast:** How to get better control and consistency from these processes, including overcoming environmental challenges.

**Food Defense:** What’s really in your imported ingredients? Can you trust the COA on an ingredient from another country? What tests should you run to make sure the ingredient is safe?

**Alternative protein success stories:** How start-ups and legacy brands are having success with developing and producing new alternative protein products.

**Guarding against foodborne illness:** What processors need to know about equipment installation, cleaning and documentation to guard against foodborne illness on the production line.

**Improving operations:** Synchronizing your production facility with your warehousing operation on both inputs and outputs.

### Shows & Events

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