



TECHTALKS

Company	TECHTalks Presentation Title
3M Food Safety	Integrated Environmental Monitoring
ABB	Challenges to Design Motor, Gearbox and Bearing Products to Meet IP69 Washdown Environments
Adifo Software	The Importance of Integrating Feed Formulation, Purchase Decision Support and Quality Management Software
Adisseo	Effect of Different Selenium Sources on Egg Production and Selenium Deposition in Aged Laying Hens under Heat Stress
AFCO/ZEP	Lessons Learned from COVID-19
Agricon	Building it Right
Airgas, an Air Liquide company	Sanitation and Design Considerations for Cryogenic Bottom Injection in Food Mixers
Alkar, Division of The Middleby Corporation	Turbochef by Alkar - Ultimate Process & Operational Flexibility in the Only Microwave & Convection Heating Industrial Oven Worldwide
American Feed Industry Association - AFIA	ISO/TC-293 – The Future of International Standards for Feed Manufacturing Equipment
American Feed Industry Association - AFIA	ISO/TC 326 – The Future of International Standards for Food Processing Machinery
American Feed Industry Association - AFIA	What has the Animal Food Industry Learned from COVID-19
Anago Limited	Health and Safety Focus: What are the Key Components of a Robust Knife Sharpening Program?
Andritz	Feed Conditioning
Andritz	The 26XW Pellet Mill with Auto Roll Adjust
Andritz	Roller Mills Vs. Hammermills
Anitox Corp	Strategies for Control of Food Safety-Related Salmonella Serovars
Anitox Corp	Determining the FCR and Growth Rate Impact of Clean Feed in Early Stages of Life of Broiler Chicks, as it Relates to Clostridia
APC	Use of Spray-Dried Plasma in Early Turkey Nutrition
Armstrong International, Inc.	Critical Performance Parameters
Asahi/America, Inc.	Designing with Thermoplastic Piping Systems to Create a Safer Working Environment
Aviagen Inc	Data Governance
Aviagen Inc	Sustainability Involving the Guelph Study
Beijing Challenge Group	How does Immuzyme Improve Animal Performance and Feed Efficiency for Livestock and Poultry
Beijing CRVAB Biotechnology Co., Ltd.	Company Profile and Major Products
Big Dutchman, Inc.	BigFarmNet: Big Dutchman's Digital Solutions for Poultry Farms
Bioionix, Inc.	Biolonix SuperOxidants™ Producing Better Brine
bioMerieux Inc.	Method Development of VeriPRO Salmonella Q Assay a Real-Time PCR Assay for the Quantification of Salmonella in Primary and Final Production Poultry Samples
Birko Corporation	Antimicrobial Efficacy Test in Pineland Farms Plant Using Electrostatic Technology
Boehringer Ingelheim Animal Health GmbH	Boehringer Ingelheim's New Vectored Vaccine Provides Three-Way Protection to Infectious Laryngotracheitis, Infectious Bursal Disease and Marek's Disease
Breeders Poultry Belts	Understanding Egg Conveyor Belt Performance and Maintenance
Brite Belt International	Cleaning Conveyor Belt Surfaces
Buhler Inc.	Horizontal vs. Vertical Hammer Mills
Buhler Inc.	Hot-Air System in a Pelleting Line
Canadian Bio-Systems Inc	Maxi-Nutrio Liquid/Yeast Bioactives
Canadian Bio-Systems Inc	ProSparity
CAT2 (Cat Squared)	Practical Approaches to Blockchain Adoption
Ceva Animal Health	Managing Coccidiosis Vaccination in Layers
Ceva Animal Health	Spray & Gel Vaccine Application in the Hatchery
ChemDAQ Inc.	Peracetic Acid: Know Your Work Environment
Cleveland Vibrator Company	Does Vibrator Size Really Matter?
CV-Tek, CVP & M-Tek, Stronger Together, Middleby	Keep Food Safe and Extend Shelf Life with MAP - Modified Atmosphere Packaging
Decon7 Systems, LLC	Control and Removal of Biofilms in Food Processing Facilities

Deville Technologies, LLC	From Freezer to Freeze Dried – Overcoming Challenging Applications in the Protein Industry
Dostofarm	Phytosolvan – A New All-Natural Approach to Optimize the Respiratory Function and Enhance Palatability in Poultry
DP Techlink	Importance of using Technology to Ensure Accurate Delivery of Animal Feed from Mill to Bin
Evonik Corporation	The Digital Evolution of the Poultry Industry: Imagine. Collaborate. Gain.
FANUC America Corporation	The Evolving Use Of Collaborative Robots In Food Processing Facilities
Feed Energy	Feed Energy's R2 Product Improves Broiler Performance and Benefits Their Microbiome
Felins, Inc.	Adhesive Free Labeling & Sleeving with Ultrasonic Banding
Foodmate	Service Connect
FOSS	What is Near Infrared and Why is it so Important for Food Analysis?
FRONTMATEC	The Next Generation Worker
G&G Industrial Lighting	Lighting Requirements for Food Processing Facilities
Grundfos	Innovative Solutions for High Pressure Wash and Clean
Guangdong VTR Bio-Tech Co., Ltd.	Role of Aspartic Acid Base Protease in Chicken Nutrition
HARPAK-ULMA Packaging, LLC	Augmented Reality and OEMs: A New Paradigm – With a Catch?
HatchTech Incubation Technology	Evaluating the Introduction of Early Feeding in the Hatchery – 6 Years After Introduction
Heron Innovators, Inc.	A Better Way To Reclaim & Reuse Wastewater SAF®
Hiperbaric	High Pressure Processing (HPP) for Meat Products: Benefits and Trends
Insta-Pro International	ISU Broiler Trial - Bring Broilers to Market 4 Days Quicker
JASA Packaging Solutions, Inc.	Convenience Food & Packaging - Conveniently Packed by JASA's Sleever
Keen Project Solutions	Complete Facility Insight - 3D Tools Drive Results
Kemin Animal Nutrition & Health (Kemin Industries)	Phytogenic Feed Additives and Their Evolving Role in Poultry Coccidiosis Management
KSE	The Box Dosing Solution: An Innovative Solution for Product Quality, Process Efficiency, and Health & Safety in Micro Additions.
Layn	TruGro® GH Natural Gut Health Feed Additive Provides Scientifically Validated Improvements in Broiler Gut Health and Weight
Ledwell	Add Time Back to Your Day: Efficiency in Feed Transportation
MacDermid Envio Solutions	Wastewater in a Circular Economy: Impacts and Opportunities in the F&B Market
MacDermid Envio Solutions	Aging Infrastructure Can Halt Sustainability Goals
MacDermid Envio Solutions	How to Eliminate POTW Discharge Surcharges
MacDermid Envio Solutions	Make Sustainability and Wastewater Treatment More Cost-Effective
Marvesa	The Use of Lecithin in Poultry Feed
Merck Animal Health	Innovative Sphereon® Technology: Delivering Convenience and Ease of Use
Merck Animal Health	Infectious Bursal Disease Control: Detection and Efficacy of a Novel Dual Recombinant HVT-ND-IBD Vaccine.
MERIEUX NutriSciences - Silliker Labs	The Value of Software in a Food Safety Program
Messer	Advanced Bottom Injection Systems for Blending Applications
Middleby Processing and Packaging	Turbochef by Alkar - Ultimate Process & Operational Flexibility in the Only Microwave & Convection Heating Industrial Oven Worldwide
Monitor Technologies LLC	The Impact of Reliable Dust Monitoring in Filtration Systems
M-Tech Systems USA, LLC.	How to Win with Better Data Management
Multi-Skill Training Services	Developing Operator Training That Works: How to Create a Sustainable Operator Training Program
Native Microbials	Effect of Endogenous Microbial Supplementation on Performance and Mortality of Broiler Chickens with and without Clostridium Perfringens Challenge
NEOGEN	Water Treatment Programs for Organic Production
NEOGEN	Effective and Easy Water Line Cleaning
NEOGEN	Automating Environmental Monitoring Programs in Processing
NEOGEN	Driving Sustainability and Efficiency Through the World of Genetics and Blockchains
Nijhuis Water Technology Inc.	An Evolution of Water Treatment Technologies in the Food and Beverage Market: 4000 m3 per Day Water Reuse Plant and Energy Recovering from Wastewater
NORD DRIVESYSTEMS	TCO with NORD IE5+ Motors: The Next Generation of Efficiency and Cost Savings
Novus International, Inc.	A Dietary Essential Oil Formulation to Bolster Gut Health and Boost Performance

Novus International, Inc.	Organic Acid Combinations with HMTBa: Applications in Pathogen Control for Poultry and Swine
Novus International, Inc.	Effect of Dietary MMHAC Trace Minerals on Lameness in Finisher Pigs
Novus International, Inc.	Effect of Maternal Supplementation of MINTREX®Zn in Breeder Hens on Progeny Health
Novus International, Inc.	Near-Infrared Spectroscopy Technology to Predict Soybean Meal Trypsin Inhibitor and together with Protease to Achieve Precision Nutrition and Improve Animal Performance
Novus International, Inc.	Antagonisms are Eating Your Minerals
Ohio Gratings, Inc.	Slip Resistant Metal Safety Flooring Options for Production & Processing Equipment Platforms
Olmix	Mycotoxin's Role in Bacterial and Viral Disease Outbreaks, A Review
Once Inc.	Using Light as a Management Tool to Impact Performance in Layers and Breeders
P&P Optica	Helping Meat Processors Increase Automation and Optimize Production
Palintest USA	Advancing Disinfectant Analysis in Poultry Process
Pathway Intermediates (EASY BIO, Inc.)	Cost-Saving Strategy Against Increasing Feed Grain Prices
PerkinElmer	Optimize your Process Using the Latest In-line NIR Monitoring Technology
Phibro Animal Health Corporation	Why isn't my Flock Immune? How Technology can help us Ensure Proper Vaccine Administration and Optimize Flock-Health and Productivity
Phibro Animal Health Corporation	Developing a Best-in-Class Direct Fed Microbial Meeting the Expanding Needs of the Poultry Industry
PMI	Next-Generation PhytoGenics
Prairie Systems	Introduction to LeeO for Next-Generation Livestock Precision Farming
QualiTech, Inc.	Improving Broiler Performance by Limiting Intestinal Pathogenic Microbial Growth through Iron Availability
Quality Technology International (QTI)	Opportunities for Combining Probiotics and Prebiotics to Improve Performance and Reduce Incidence of Foodborne Pathogens in Poultry
Ralco	Essential Oils: From Source to Success
SafetyChain Software	A Practical Path to Going Paperless, Leveraging Data & Boosting Profitability for Process Manufacturing
Specim Spectral Imaging	Spectral Imaging Made Easy for Meat Grading
Sterilex	Air Quality and Biofilm Control
Stonhard	The Total Hygienic Solution - Curbs, Floors, Drains
Sweet Manufacturing Company	CASE ENCLOSED for Safe Ingredient Handling
Sweet Manufacturing Company	CalorMatic®: Roasting and Drying Process to Increase the Level of Protein and Fat Acids in Soybeans
Synexis LLC	Synexis®: Pioneering Microbial Reduction in Occupied Spaces
Tefen Flow & Dosing Technologies Ltd	TBD
trinamiX GmbH – a subsidiary of BASF	The Laboratory in a Pocket - Better Decisions with Mobile NIR Spectroscopy
Triple Green Products	Sustainable Solutions for your Chicken Barn
Trouw Nutrition	Leveraging the Value of Feed Data
Trouw Nutrition	Split-Feeding System for Broilers Breeders Improves Hatching Rates and Welfare, Reduces Feed Costs and Supports Sustainability
Trouw Nutrition	Holistic Approach to Manage Mycotoxin Interactions in Poultry
Trouw Nutrition	Heat Stress: Insights in How Feed Interventions Can Support Your Birds
Trouw Nutrition	The Gut Health Benefit of Copper in Broiler Production
Trouw Nutrition	Oxides in Poultry Production: Major Risks and Current Alternatives for their Complete Replacement
Trouw Nutrition	The Benefits of Supplementing Combinations of Different Trace Minerals Source
Trouw Nutrition	Trace Minerals and their Function to Support Commercial Layer Production
U.S. Poultry & Egg Association	Enhancing Immunogenicity and Protective Efficacy of Recombinant Infectious Laryngotracheitis (ILT) Vaccines in Broiler Chickens
U.S. Poultry & Egg Association	High-Resolution Salmonella Serotyping to Improve Surveillance in Turkeys
U.S. Poultry & Egg Association	Fate and Effect of Commercial Peracetic Acid Solutions in Poultry Processing Wastewater Biological Treatment Systems
U.S. Poultry & Egg Association	A Novel Method for Enumeration and Speciation of Eimeria Species of Coccidian Protozoa by Flow Cytometry
U.S. Soybean Export Council (USSEC)	Seeding Sustainable Solutions
WEM Automation	Industry 4.0 & Smart Data Analytics: Improve the Operational Performance of your Pet Food Facility by using Big Data to make Fact-Based Decisions
Wire Belt Company of America	The Necessity of Sanitary Conveyor Design in Today's Modern Food Processing Facilities
Xinxiang Hexie Feed Machinery Manufacturing Co Ltd	Company and Product Introduction
Zinpro Corporation	Knowing what's really going on inside – Deep Dive into the Zinpro Blue Box
Zinpro Corporation	Zinc Status is the Missing Piece in the Jigsaw Puzzle of Intestinal Health
Zoeller Company	Grinder Pumps for Tough Applications
Zoetis	Live Salmonella Typhimurium (Poulvac® ST) Vaccination as a Live Side Tool to help Reduce Salmonella spp. Load at the Processing Plant
Zoetis	Five Critical Points of In Ovo Vaccination Technology
Zoetis	Seasonal Challenges in Hatchery Ventilation
Zoetis	Assessing Microbial and Environmental Risk in the Hatchery