

International  
Food Ionizing Processing  
Symposium

IFIS



---

# AGENDA & SPEAKERS 2023

---

26-27-28  
SEPTEMBER  
DALLAS, TEXAS, USA

# DAY ONE

TUESDAY  
SEPTEMBER  
26<sup>TH</sup>

2:00 PM - 2:30 PM

## Welcome by the organizers

Thomas Servais (IBA) - Alain Strasser (Aerial) -  
Suresh Pillai (Texas A&M) - Ariadne  
Vargas (IBA)

---

# SESSION ONE

STATUS OF COMMERCIALY  
AVAILABLE TECHNOLOGIES AND  
TECHNOLOGIES IN THE HORIZON

2:30 PM - 2:35 PM

## Introduction

Thomas Servais (IBA) - Alain Strasser (Aerial)

2:35 PM - 2:50 PM

## Thoughts on meat industry needs and challenges

Angie Siemens (Cargill, Inc.)

2:50 PM - 3:20 PM

## X-Ray Beam: from variable scan simulation to beam delivery actual and future

Cody Wilson (IBA) - Frédéric Dessy (IBA)  
Steven Robin-Chabanne (TRAD)

3:20 PM - 3:35 PM

## Enhancing the fresh produce industry using electron beam

Jeff Pelletier (Reveam, Inc.)

3:35 PM - 3:50 PM

## Low energy high power X-ray for food

Karl Swanson (PCT Ebeam and Integration)

3:50 PM - 4:05 PM

## Ionizing technology needs for food processing

Frank Benson (Gateway America)

4:05 PM - 4:45 PM

## Panel discussion: technological options for answering industry needs

Moderators: Thomas Servais (IBA)  
Alain Strasser (Aerial)

# SESSION TWO

ADOPTION OF IONIZING  
TECHNOLOGY IN THE FOOD  
VALUE CHAIN

5:00 - 5:05 PM

## Introduction

Suresh Pillai (Texas A&M)

5:05 - 5:20 PM

## Food irradiation as a public health intervention: consumer knowledge and behavior

Michael Ablan (CDC) - Misha Robyn (CDC)

5:20 PM - 5:35 PM

## Food labeling - Dynamics of consumer response

Kendall Howie (Axiom Space)

5:35 PM - 5:50 PM

## Irradiation: some thoughts from retailers

Kathleen O'Donnel (Wegmans Food Markets, Inc.)  
Tammi Frederick (HEB)

5:50 PM - 6:30 PM

## Panel discussion: showing the values of the adoption of ionizing technology in the food value chain

Moderator: Suresh Pillai (Texas A&M)



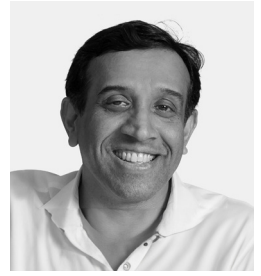
**Thomas Servais**  
President

*IBA INDUSTRIAL*



**Alain Strasser**  
General Manager

*AERIAL*



**Suresh Pillai**  
Professor, Molecular  
Microbiologist author,  
TEDx speaker

*TEXAS A&M*



**Ariadne Vargas**  
Product Manager

*IBA INDUSTRIAL*



**Angie Siemens**  
Vice President,  
Food Safety,  
Quality & Regulatory

*CARGILL, INC.*



**Cody Wilson**  
Managing Director,  
Americas

*IBA INDUSTRIAL*



**Frédéric Dessy**  
Product Manager

*IBA INDUSTRIAL*



**Steven Robin-  
Chabanne**  
Nuclear and Software  
Engineer

*TRAD*



**Jeff Pelletier**  
CEO

*REVEAM, INC.*



**Karl Swanson**  
President

**PCT EBEAM  
AND INTEGRATION**



**Frank Benso**  
CEO/President

**GATEWAY AMERICA**



**Misha Robyn**  
Epidemiologist

**CDC**



**Michael Ablan**  
Evaluator

**CDC**



**Kendall Howie**  
Food Scientist

**AXIOM SPACE**



**Tammi Frederick**  
Vice President,  
Quality Assurance,  
& Food Safety

**H-E-B**



**Kathleen O'Donnell**  
Chief Scientist

**WEGMANS FOOD  
MARKETS, INC.**

**PANEL DISCUSSION: TECHNOLOGICAL OPTIONS  
FOR ANSWERING INDUSTRY NEEDS**

Panelists: Frank Benso (Gateway America), Gillian Hu (Beyond Flours), Benjamin Reilly (Steritech Australia), Cherin Balt (HEPRO), Arved Deecke (Benebion), Chip Starns (Reveam)

**PANEL DISCUSSION: SHOWING THE VALUES OF  
THE ADOPTION OF IONIZING TECHNOLOGY  
IN THE FOOD VALUE CHAIN**

Panelists: Tammi Frederick (H-E-B), Kathleen O'Donnell (Wegmans Food Markets, Inc.), Katie Rose McCullough (North American Meat Institute), Roger Maehler (Newly Weds Foods), Ben Reilly (Steritech Australia), Barbora Dubovcova (Givaudan)

# DAY TWO

WEDNESDAY  
SEPTEMBER  
27<sup>TH</sup>

---

# STERI-TEK TOUR

PRACTICAL DEMONSTRATION  
AT STERITEK'S PREMISES

9:15 AM - 9:45 AM

## Opening presentation

Haleigh Collier - Katrina B.Real

9:45 AM - 11:15 AM

## Tour (receiving, pre-processed, bunker, processed, shipping & quality assurance)

Scott Nichols - Aaron Michel - Aaron Hutchins  
Micah Cobb - Jay Herrion - Brian Potts

11:30 AM - 1:00 PM

## Lunch ft. beef sterilization

Steven Nichols

1:00 PM - 3:00 PM

## Dose mapping tour (protocol, hands-on loading, report)

Sandra Ramirez - Bradley Ross - Chase Kitchens  
Andrea Gann

3:00 PM - 5:00 PM

## Closing presentation & networking

Haleigh Collier

---





**Haleigh Collier**

Radiation Services  
Specialist



**Katrina B.Real**

Quality Manager



**Scott Nichols**

Operations Manager



**Aaron Michel**

Operator



**Aaron Hutchins**

Linear Accelerator  
Technician



**Micah Cobb**

Operator





**Jay Herrion**

Operator



**Brian Potts**

Quality Specialist



**Steven Nichols**

Radiation Services  
Manager



**Sandra Ramirez**

Radiation Services  
Specialist



**Bradley Ross**

Radiation Services  
Specialist



**Chase Kitchens**

Radiation Services  
Specialist



**Andrea Gann**

Radiation Services  
Specialist

# DAY THREE

THURSDAY  
SEPTEMBER  
28<sup>TH</sup>

---

## SESSION THREE

FOOD IRRADIATION: CASE STUDIES  
FROM AROUND THE WORLD

8:30 AM - 8:35 AM

### Introduction

Jeremy Brison (IBA)

8:35 AM - 8:50 AM

### An Phu Journey in Phytosanitary

Son Vo (An Phu Irradiation)

8:50 AM - 9:05 AM

### Phytosanitary irradiation in Mexico. The first 10 years and an outlook to the next

Arved Deecke (Benebion)

9:05 AM - 9:20 AM

### **Australia's story: delivering fresher, more sustainable produce to the world**

Ben Reilly (Steritech Australia)

9:20 AM - 9:35 AM

### **Emerging trends of food irradiation in China**

Gillian Hu (Beyond Flours)

9:35 AM - 9:50 AM

### **Food irradiation in South Africa A 40-year history**

Cherin Balt (HEPRO)

10:05 AM - 10:20 AM

### **Use of E-beam technology for fruit imports**

Afi Momin (GTS Logistics Pvt. Ltd.)

10:20 AM - 10:35 AM

### **Food irradiation: the opportunities for acceptance, growth and the limiting factors**

Harlan Clemmons (Sadex)

10:35 AM - 10:50 AM

### **Phytosanitary irradiation and fresh produce quality**

John Golding (PsIP)

10:50 AM - 11:05 AM

### **USDA APHIS PPQ Phytosanitary Irradiation Programs: Where are we now ?**

Gabriel Hughes (USDA APHIS)

11:05 AM - 11:45 AM

### **Open discussion: how to have a successful case?**

---

## SESSION FOUR

THE JOURNEY TO GET A GOOD R&D PROJECT IN FOOD IRRADIATION

1:00 PM - 1:05 PM

### **Introduction**

Alain Strasser (Aerial)

1:05 PM - 1:25 PM

### **Comparing low dose irradiation with conventional treatments on development of physiological defects in 'granny smith' apples**

Anuradha Prakash (Chapman University)

1:25 PM - 1:40 PM

### **Consumer and retailer/distributor perception of irradiated apples in Mexico**

Andre Murray (Washington State University)

1:40 PM - 2:00 PM

### **Panel discussion: the way in which R&D Support the development of the food ionizing industry**

---

## SESSION FIVE

2:15 PM - 2:30 PM

### **Overview of global regulations**

Carl Blackburn (IAEA)

2:30 PM - 2:45 PM

### **USDA APHIS PPQ phytosanitary irradiation programs: where are we going ?**

Laura Jeffers (USDA APHIS)

2:45 PM - 3:30 PM

### **Panel discussion: regulation in food ionizing technology: a need for a coordinated work**



## Jérémy Brison

Product Management &  
Innovation Director

*IBA INDUSTRIAL*



## Arved Deecke

Founder and Member  
of the Board

*BENEBION*



## Gabriel Hugues

Risk Manager  
Entomologist

*USDA APHIS*



## Ben Reilly

Business Manager

*STERITECH AUSTRALIA*



## Gillian Hu

Managing Director

*BEYOND FLOURS*



## Cherin Balt

Managing Director

*HEPRO*



## Afi Momin

*GTS LOGISTICS PVT.LTD*



## Harlan Clemmons

President & Owner

*SADEX*



## Son Vo

Deputy General Director

*AN PHU IRRADIATION*



## **John Golding**

Principle Research  
Scientist

*PSIP*



## **Alain Strasser**

General Manager

*AERIAL*



## **Anuradha Prakash**

Professor of  
Food Science

*CHAPMAN UNIVERSITY*



## **Andre Murray**

PhD Candidate

*WASHINGTON STATE  
UNIVERSITY*



## **Carl Blackburn**

Food Irradiation  
Specialist

*IAEA*



## **Laura Jeffers**

Senior Risk Manager

*USDA APHIS*

### **PANEL DISCUSSION: THE WAY IN WHICH R&D SUPPORT THE DEVELOPMENT OF THE FOOD IONIZING INDUSTRY**

John Golding (PsIP), Harlan Clemmons (Sadex), Cody Wilson (IBA), Gillian Hu (Beyond Flours), Gabriel Hughes (USDA-APHIS), Anna Villavicencio (IPEN)

### **PANEL DISCUSSION: REGULATION IN FOOD IONIZING TECHNOLOGY: A NEED FOR A COORDINATED WORK**

Arved Deecke (Benebion), Aaron Lavallee (FSIS), Jeff Pelletier (Reveam), Laura Jeffers (USDA-APHIS), Ben Reilly (Steritech Australia)





REVEAM



International  
Food Ionizing Processing  
Symposium



WWW.IFIS.WORLD  
FOLLOW US ON LINKEDIN

