

## Location and Hotel Accommodation

The conference will be held at the Drury Plaza Hotel - San Antonio Riverwalk, 105 South St. Mary's Street, San Antonio, Texas.

The hotel has set aside a block of rooms at the rate of \$139.99, \$149.99 double including a buffet breakfast, evening receptions, internet, 60 min of long distance calls. Make your room reservations directly with the hotel (1 800 325 0720, online [www.druryhotels.com](http://www.druryhotels.com) click on **Book it Fast**, then enter group number 2060338) and [please identify your attendance at the IFTPS event](#). February 6, 2010 is the cut-off date for discounted rates. Guarantee your reservations in order to be assured of the lower room rate. **Conference Dress: Business casual**

### REGISTRATION FEES

	Members / Non-members		Students	
	Members	Non-members	Members	Non-members
Conference	\$ 475	\$ 525	\$125	\$150
Symposium	\$ 250	\$ 275	\$ 50	\$ 75
Workshop	\$ 250	\$ 275	\$ 50	\$ 75

Retired seniors may attend technical sessions for one-half the industry rate.

Payable to IFTPS by: check drawn in **U.S. Dollars on a U.S. bank**, international money order, **American Express, Visa and Mastercard (fax or mail)** or online at [www.iftps.org](http://www.iftps.org).

*The conference registration fee provides lunch and refreshment breaks on both days, and complimentary refreshments at the reception. The separate symposium fees provide lunch and refreshments. Cost of hotel accommodations and other meals are not included.*

Name \_\_\_\_\_  
Title \_\_\_\_\_  
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*Institute For Thermal Processing Specialists*

Annual Symposium

*Alternative Sensors For Retort Applications*

29<sup>th</sup> Annual Conference & General Meeting

*Responsibilities of Thermal Processing Specialists*

and

Aseptic Symposium

*Current Topics in Aseptic Processing*

**March 2-5, 2010**

**Drury Plaza Hotel on the Riverwalk  
San Antonio, Texas**

**Institute for Thermal Processing Specialists  
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## 2010 IFTPS Annual Conference

The **Institute For Thermal Processing Specialists** is a not-for-profit corporation registered in the State of Virginia organized to serve the needs of those working in the field of thermal processing. The Institute was conceived in 1982 by a group of individuals working in thermal processing to advance professionalism through educational presentations and the development of uniform standards of procedure. **IFTPS** is dedicated to fostering education and training for individuals interested in procedures, techniques and regulatory requirements for thermal processing of food and other materials, and for the communication of information between its members and other organizations.

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### 2010 IFTPS Symposium - March 2, 2010

#### *ALTERNATIVE SENSORS FOR RETORT APPLICATIONS*

Symposium Chair: **John Larkin**, FDA

- 7:30 Registration & Refreshments
- 8:00 Welcome & Introduction  
**John Larkin**, Symposium Chair  
**Ian Britt**, Executive Director
- 8:15 New Regulation – Proposed/New Changes to 21 CFR 113  
**John Larkin**, FDA/NCFST
- 9:00 Care and Use of an MIG  
**Patrick Ginty**, IIT/NCFST
- 9:30 Thermometry – Reliability and Technology  
**Dean Ripple**, NIST
- 10:15 Break
- 10:30 Validating an ATID replacement  
**Jacques Bichier**, JBT FoodTech
- 11:15 Practical Calibration Applications  
**Dean Ripple**, NIST
- 12:00 Lunch
- 1:00 Calibration Records, Standards, and tips  
**Jim Eldridge**, Palmer-Wahl Instruments Group
- 1:45 Design consideration for ATID's  
**Lars Hansen**, Ellab Inc.
- 2:30 Break
- 2:45 Electromagnetic Interference/Environmental testing  
**Jim Eldridge**, Palmer-Wahl Instruments Group
- 3:30 Industrial Practical Application of an ATID  
**David Bresnahan**, Kraft Foods Inc.
- 4:15 Panel Discussion — Open forum about what works or does not work
- 4:45 Adjourn

### IFTPS 29<sup>TH</sup> Annual Conference - March 3-4, 2010

#### *RESPONSIBILITIES OF THERMAL PROCESSING SPECIALISTS*

Conference Program Chair: **Kurt Wiese**, Nestlé Purina PTC

#### Wednesday, March 3, 2010

- 7:30 Registration & Refreshments
- 8:15 Welcome & Introduction  
**Kurt Wiese**, Program Chair  
**Ian Britt**, Executive Director
- 8:30 Recent Developments In Real-Time Particle Flow Monitoring For Multiphase Aseptic Applications  
**Josip Simunovic**, NC State University
- 9:15 Validating Challenging Processes Using Traditional and Innovative Techniques  
**Philip Richardson**, Campden BRI
- 10:00 Refreshment Break
- 10:30 Ball's formula method revisited  
**Richardo Simpson**, Universidad Santa Maria
- 11:15 Application of finite element analysis in thermal process calculation  
**Esmail Riahi**, ConAgra Foods Inc.
- 12:00 Lunch
- 1:00 New temperature measurement challenges with Advanced Thermal Processing of Liquid Foods  
**John Duff**, Windridge Sensors
- 1:45 Validation Procedures for Automated Control of Food Processing Systems  
**Mark Deniston**, IEH-CFPPS
- 2:30 Refreshment Break
- 3:00 Effect of oscillating retort technology on heat penetration of various food products  
**Scott Whiteside**, Clemson University  
**Dave Polvino**, Stock America, Inc.
- 3:50 Technical Committee Meetings
- 5:00 Reception and Suppliers' Exhibits

IFTPS 29<sup>th</sup> Annual Conference - March 3-4, 2010

**RESPONSIBILITIES OF THERMAL PROCESSING SPECIALISTS**

Conference Program Chair: **Kurt Wiese**, Nestlé Purina PTC

**Thursday, March 4, 2010**

- 7:45 Refreshments
- 8:15 Annual General Meeting
- 9:15 Technical Committee Reports
- 9:45 **Charles R. Stumbo Student Paper**  
Measuring and predicting in-package pressure profiles during retorting of thermally processed food products  
**Gaurav Ghai**, University of Florida
- 10:00 Refreshment Break
- 10:30 Inactivation kinetics of bacterial spores under conventional and ohmic heating  
**Sudhir Sastry**, The Ohio State University
- 11:15 Effects of growth conditions on sporulation and thermal resistance testing  
**Joe Dalmasso**, Apex Labs
- 12:00 Lunch
- 1:00 An Update on Brabender Applications  
**Karen Brown**, JBT FoodTech
- 1:30 Reliability considerations in steam/air processing  
**Kai Purohit**, Process Tek
- 2:00 Panel discussion on steam/air processing
- 2:30 Break
- 2:45 Historical Product Recalls  
**Dennis Kolsun**, HJ Heinz
- 3:30 News from the USDA  
**Carrie Leathers**, USDA
- 4:00 Retort Considerations  
**Bernd Elhaus**, Nestlé Product Technology Centre Konolfingen
- 4:45 Adjourn

2010 Aseptic Symposium - March 5, 2010

**CURRENT TOPICS IN ASEPTIC PROCESSING**

Workshop Co-Chairs: **Nate Anderson**, FDA

- 8:00 Registration & Refreshments
- 8:15 Welcome & Introduction  
**Nate Anderson**, IFTPS Symposium and Aseptic Committee Chair  
**Ian Britt**, IFTPS Executive Director
- 8:30 NCIMS Aseptic Pilot Program (APP) Overview – Proposed Update to the 2011 PMO  
**Allen Saylor**, IDFA
- 9:00 NCIMS APP – What Industry Should Know  
**Brian Thane**, Tetra Pak
- 9:30 IMS Aseptic Milk Plant Inspections/Ratings/Checkratings  
**Robert Hennes**, FDA/CFSAN
- 10:00 Refreshment Break
- 10:30 Aseptic Dairy Industry Experience with NCIMS APP and the PMO  
**Sia Economides**, Nestle (low-acid foods) and  
**Mike Betzhold**, Gehls (high-acid fermented foods)
- 11:30 Panel Discussion (all speakers)
- 12:00 Lunch
- 1:00 US FDA GMP Modernization Update  
**Jenny Scott**, FDA
- 1:45 Aseptic Design and Maintenance Pros and Cons  
**David Bresnahan**, Kraft
- 2:30 Break
- 2:45 Change Control Industry Guidance  
**Ferhan Ozadali**, Nestle Nutrition
- 3:30 Aseptic Training Opportunities  
**Nate Anderson**, FDA
- 4:00 Adjourn