

**USDA NC-1023 Meeting**  
**Engineering for Food Safety and Quality**

**October 14-16, 2018**  
**Wells Conference Center, University of Maine**  
**Orono, Maine**

**Chair: Gustavo Barbosa-Canovas**

**Chair-Elect: Gail Bornhorst**

**Past-chair: Yanyun Zhao**

**Secretary: Rohan Tikekar**

**Admin Advisor:** David Jackson  
[djackson@nebraska.edu](mailto:djackson@nebraska.edu)

**Host:** Balu Nayak  
Phone: 207 -581-1687  
[balunkeswar.nayak@maine.edu](mailto:balunkeswar.nayak@maine.edu)

**Hotel:**

University Inn Academic Suites  
5 College Avenue  
Orono, ME 04473

Please call **207-866-4921** and mention **FOODAG Conference Code** to book hotel room

**Meeting location:**

Wells Conference Center- Room 3  
University of Maine

**Registration procedures**

- Registration fee: \$250
- Go to <https://umaine.edu/conferences/current-registrations/> to register for the meeting.

# AGENDA

## Sunday, October 14<sup>th</sup>

**6:00 pm** Shuttle leaves from the hotel (University Inn) to the restaurant.

**6:30 - 8:30 pm** Welcome Dinner/Mixer – Seasons Restaurant  
427 Main Street, Bangor, ME 04401

*Transportation from the University Inn Academic Suites is provided for those who do not have a rental car.*

## Monday, October 15<sup>th</sup>

**7:00 - 8:00 am** *Breakfast provided* – Option at your hotel and will be offered at the Conference Center at 7:45am (transportation will be provided to the conference center)

**8:00 - 9:00 am** *Registration at Wells Conference Center – Room 3 (facility available for web conferencing)*

**9:00 - 10:15 am** (i) Opening comments –  
(ii) Station Member Introductions  
(iii) Welcome presentation by Fred Servello, Dean, College of Natural Sciences, Forestry, and Agriculture.  
(iv) Washington Update –  
(v) NC 1023 Administrator Update  
(vi) Steering Committee Report –

**10:15 - 10:30 am** *Break*

**10:30 - 12:00 pm** (i) Approval of Previous Meeting's Minutes  
(ii) Begin Station Reports based on the alphabetic order of station name.  
*Focus on collaborative research projects – 15 min. max. presentation & 5 min Q/A*

**12:00 - 1:00 pm** *Lunch provided (group photo will be taken during lunch break)*

**1:00 - 2:0 pm** Ad-Hoc committee meetings

- 2:00 - 3:00 pm** (ii) Station Reports (*continued*)
- 3:00 - 3:15 pm** ***Break***
- 3:15 - 4:15 pm** Tour – (i) UMaine Aquaculture Research facilities;  
(ii) UMaine Advanced Structures and Composite Center
- 4:15 - 5:00 pm** Network with local faculty/students and/or invited technical presentations  
OR CoFE updates
- 6:00 pm** Shuttle from the hotel (University Inn) to restaurant (McLaughlin’s at the  
Marina)
- 6:30 - 8:30 pm** McLaughlin’s at the Marina, 100 Marina Road, Hampden, ME  
(207-990-1111) (<https://mclaughlinsmarinarestaurant.com/>)

## **Tuesday, October 16<sup>th</sup>**

- 7:00 - 8:00 am** *Breakfast provided* – Option at the hotel or at the Wells  
Conference Center during this time. (transportation will be provided to the  
Conference center)
- 8:00 - 8:45 am** Ad-Hoc committee reports
- 8:45 - 9:15 am** Elect new secretary, steering committee members, host station for 2019,  
2020.
- 9:15 - 10:15 am** Station reports (continued)
- 10:15 – 10:30 am** ***Break***
- 10:30 – 10:45 am** NC – 1023 welcome presentation by the 2019 host
- 10:45 - 12:30 pm** Station reports (continued)
- 12:30 - 1:30 pm** Lunch provided
- 2:00 pm** Adjourn

## NC-1023 Ad-Hoc Committee Membership

### NC-1023 Executive Committee

Gustavo V. Barbosa-Cánovas, Chair  
Gail Bornhorst, Chair-Elect  
Yanyun Zhao, Past-Chair  
Rohan Tikekar, Secretary  
Balu Nayak, Host

### NC-1023 Steering Committee

Lester Wilson, Chair

#### 1. Nonthermal Processing

Bala Balasubramaniam (Chair)  
Jen-Yi Huang  
Silvana Martini  
Rohan Tikekar (co-Chair)  
Mukund Karwe  
Gustavo Barbosa-Cánovas  
Dharmendra Mishra  
Jen-Yi Huang  
Ilce Medina Meza

#### 2. Extraction of Bioactive Components

Gonul Kaletunc (Chair)  
Yanyun Zhao  
Elena Castell-Perez  
Roger Ruan  
Jen-Yi Huang  
Lester Wilson  
Haibo Huang  
Ozan Ciftci (co-Chair)  
Balu Nayak  
Gustavo Barbosa-Cánovas  
Sam Chang  
Ilce Medina Meza

#### 3. Mathematical Modeling

Ashim Datta (Chair)  
Akinbode Adedeji  
Jeyam Subbiah  
Pawan Takhar  
Kirk Dolan  
Dharmendra Mishra (co-Chair)  
Mukund Karwe  
Deepti Salvi

#### 4. Teaching Food Engineering to Engineers

Kirk Dolan (Chair)  
Akinbode Adedeji  
Haibo Huang  
Jeyam Subbiah  
Mukund Karwe  
Gonul Kaletunc  
Fu-Hung Hsieh  
Jeanne Gleason  
Brad Marks  
Yan (Susie) Liu  
Rogers Ruan

**5. Physical Properties**

Rich Hartel (Chair)

Helen Joyner (co-Chair)

Lester Wilson

Ozan Ciftci

Gail Bornhorst

Balu Nayak

Rohan Tikekar

Gustavo Barbosa-Cánovas

Fanbin Kong

Silvana Martini

Bongkosh (Jeab) Vardhanabhuti

**6. Nanotechnology**

Graciela Padua (Chair)

Fernanda San Martin

Carmen Gomes

Soojin Jun

Ozan Ciftci

Silvana Martini

Gail Bornhorst

Balu Nayak

Yanyun Zhao

Youngsoo Lee

Fanbin Kong