

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

**October 20-22, 2019**

**Hotel Encanto de Las Cruces, New Mexico State University  
Las Cruces, NM**

**Chair: Gail Bornhorst**

**Chair-Elect: Rohan Tikekar**

**Past-chair: Gustavo Barbosa-Canovas**

**Secretary: Kirk Dolan**

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

**Host:** Barbara Chamberlin (bchamber@nmsu.edu), Pamela Martinez, Efren Delgado

**Hotel and Meeting Location:**

Hotel Encanto de Las Cruces  
705 South Telshor Blvd, Las Cruces, New Mexico 88011  
Phone: 575-522-4300, [hotelencanto.com](http://hotelencanto.com)

**Registration procedures**

- Registration fee: \$250
- Registration online: [aces.nmsu.edu/nc1023/](http://aces.nmsu.edu/nc1023/)
- Hotel: Hotel Encanto de las Cruces ([hotelencanto.com](http://hotelencanto.com))

# AGENDA

## Sunday, October 20

**6:30 - 8:30 pm** Welcome Dinner/Mixer – TBD

## Monday, October 21

**7:30 - 8:00 am** *Registration - TBD*

**8:00 – 9:15 am** (i) Opening comments  
(ii) Station Member Introductions  
(iii) Welcome presentation by local hosts  
(iv) Washington Update  
(v) NC 1023 Administrator Update  
(vi) Steering Committee Report  
(vii) Approval of Previous Meeting's Minutes

**9:15 - 9:30 am** *Break*

**9:30 - 10:30 am** Re-write discussion for overall objectives

**10:30 – 10:45 am** *Break*

**10:45 am – 12:00 pm** Re-write – work through objectives in small groups

**12:15 - 12:45 pm** *Lunch provided (group photo will be taken during lunch break)*

**12:45 – 1:15 pm** Research presentation, 20 mins + Q's → Focus on Objective 1

**1:15 am – 1:45 pm** Short update from 5-6 stations (5 mins/station)

**1:45 – 2:00 pm** *Break*

**2:00 – 2:30 pm** Research presentation, 20 mins + Q's → Focus on Objective 2

**2:30 – 3:00 pm** Ad hoc committee reports

**3:30 – 4:00 pm** Business meeting: Elect new secretary, Re-write update, locations for future meeting, CoFE/SoFE update

**4:00 pm –** Local tour + dinner

## **Tuesday, October 22**

**9:00 – 9:30 pm**      Short update from 5-6 stations (5 mins/station)

**9:30 – 10:00 am**      Research presentation, 20 mins + Q's → Focus on Objective 3

**10:00 – 10:15 am**      *Break*

**10:15 am – 10:45 pm** Short update from 5-6 stations (5 mins/station)

**10:45 – 11:15 am**      Research presentation, 20 mins + Q's → Focus on Objective 4

**11:15 am - 12:15 pm** NMSU Game Lab Tour

**12:00 pm**              Box lunch/adjourn/optional local tour

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## NC-1023 Ad-Hoc Committee Membership

### NC-1023 Executive Committee

Gail Bornhorst, Chair  
Rohan Tikekar, Chair-Elect  
Gustavo V. Barbosa-Cánovas, Past-Chair  
Kirk Dolan, Secretary  
Barb Chamberlin, 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

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