

# Electronic Specialty Gas Conference 2020

**Day 1 – October 13, 2020**

## Market Review and Challenges

(All times EDT)

**10:00 – 10:15 AM**

Introductory Comments  
*Michael Corbett, Linx Consulting*

**10:15 – 11:00 AM**

**Keynote – End User Perspective on Electronic Gases Future Requirements**

*Michael Koltonski, Micron Technology*

**11:00 – 11:45 AM**

**Keynote - Challenges for Electronic Specialty Gases and Gas Phase Materials**

*Paul Burlingame, Air Liquide Advanced Materials*

**11:45 – 12:15 PM**

**Advanced Delivery System Challenges**

*Jeff White, EMD Performance Materials*

**12:15 – 12:45 PM**

**Semiconductors and the Economic Outlook (Planning through a Pandemic)**

*Duncan Meldrum, Hilltop Economics*

**12:45 – 1:00 PM**

Day 1 Closing Remarks

**1:00 – 2:00 PM**

**Virtual Networking and Sponsor Interaction**

## Special Evening Replay Session

**9:00 – 9:15 PM**

Introductory Comments  
*Michael Corbett, Linx Consulting*

**9:15 – 10:00 PM**

**Keynote – End User Perspective on Electronic Gases Future Requirements**

*Michael Koltonski, Micron Technology*

**10:00 – 10:45 PM**

**Keynote - Challenges for Electronic Specialty Gases and Gas Phase Materials**

*Paul Burlingame, Air Liquide Advanced Materials*

**10:45 – 12:00 AM**

**Virtual Networking and Sponsor Interaction**

**All of The Presentations Will Be Posted Prior To The Start of Day 2**

*Depending on speaker availability we will allow for 5 minutes of Q&A at the conclusion of each presentation. Questions will also be collected for responses by the speakers.*

**Due to COVID concerns, the conference will be held in a virtual format**

**Day 2 – October 14, 2020**

**Emerging Trends in Purification and Analytics  
Technology and Market Outlook**

(All times EDT)

**10:00 – 10:15 AM**

Day 2 Opening Remarks  
*Michael Corbett, Linx Consulting*

**10:15 – 11:00 AM**

**Keynote – Emerging Trends in Purification and Analytics Across the Fab**  
*Jim O'Neill, Entegris*

**11:00 – 11:30 AM**

**Advanced Analytical Requirements for Gas /Vapor Phase Materials**  
*Hugh Gotts, Air Liquide Balazs*

**11:30 – 12:00 PM**

**Technologies for UHP CO<sub>2</sub> and Xenon Recovery**  
*Takashi Futatsuki, Organo*

**12:00 – 12:30 PM**

**Helium Market Trends & Expectations**  
*Phil Kornbluth, Kornbluth Helium Consulting*

**12:30 – 12:45 PM**

Day 2 Closing Remarks

**12:45 – 2:00 PM**

**Virtual Networking and Sponsor Interaction**

**Special Evening Replay Session**

**9:00 – 9:15 PM**

*Introductory Comments*  
*Mike Corbett, Linx Consulting*

**9:15 – 10:00 PM**

**Keynote – Emerging Trends in Purification and Analytics Across the Fab**  
*Jim O'Neill, Entegris*

**10:00 – 10:30 PM**

**Technologies for UHP CO<sub>2</sub> and Xenon Recovery**  
*Takashi Futatsuki, Organo*

**10:30 – 12:00 AM**

**Virtual Networking and Sponsor Interaction**

**All of The Presentations Will Be Posted Prior To The Start of Day 3**

*Depending on speaker availability we will allow for 5 minutes of Q&A at the conclusion of each presentation. Questions will also be collected for responses by the speakers.*

**Day 3 – October 15, 2020**

**Gas / Vapor Phase Systems and Challenges  
Infrastructure and Facilitization Issues**

(All times EDT)

**10:00 – 10:15 AM**

Day 3 Opening Remarks  
*Michael Corbett, Linx Consulting*

**10:15 – 11:00 AM**

**Keynote – Gas/Vapor Phase Processes and Requirements**  
*Nabil Mistkawi, Samsung Austin Semiconductor*

**11:00 – 11:30 AM**

**Challenges and Solutions with Gas Phase Delivery Systems**  
*Daniel Newman, TEL USA*

**11:30 – 12:00 PM**

**Mass Flow Control for Gas Phase Delivery**  
*Patrick Lowery, Horiba Instruments*

**12:00 – 12:30 PM**

**Advancements in Vapor Phase Delivery Control**  
*Egbert Woelk, CeeVee Technologies*

**12:30 – 1:00 PM**

**Key Vacuum System Components and Requirements**  
*John Makin, Ebara Technologies*

**1:00 – 1:30 PM**

**Green Chips – Reducing the Environmental Impact of Making Semiconductors**  
*Mike Czerniak, Edwards Vacuum*

**1:30 – 1:45 PM**

Conference Closing Remarks

**1:45 – 2:30 PM**

**Virtual Networking and Sponsor Interaction**

**Special Evening Replay Session**

**9:00 – 9:15 PM**

Day 3 Opening Remarks  
*Michael Corbett, Linx Consulting*

**9:15 – 10:00 PM**

**Keynote – Gas/Vapor Phase Processes and Requirements**  
*Nabil Mistkawi, Samsung Austin Semiconductor*

**10:00 – 10:30 PM**

**Challenges and Solutions with Gas Phase Delivery Systems**  
*Daniel Newman, TEL USA*

**10:30 – 10:45 PM**

Conference Closing Remarks

**10:45 – 12:00 AM**

**Virtual Networking and Sponsor Interaction**

**All of The Presentations Will Be Posted at The End of The Conference**

*The Electronic Specialty Gas Conference 2020* is designed to be the premier event that supports the users, producers, process tools and critical infrastructure suppliers of electronic gases and gas phase materials. The Conference provides a forum for key industry participants to discuss the current and next generation challenges that the users of ultra-high purity gases and gas phase materials uniquely face.

[ESG Conference](#)

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