

Electronic Specialty Gas Conference 2021

Day 1 – October 12, 2021

Market Review and Challenges

(All times EDT)

10:00 – 10:15 AM

Introductory Comments

Michael Corbett, Linx Consulting

10:15 – 10:45 AM

Keynote - Challenges and Requirements of Precursors in the Advanced Manufacturing Process

Yi-Hsiu Hsiao, TSMC

10:45 – 12:00 PM

Panel Discussion – Impact of Supply Chain by Semiconductor Investments in the US

Moderator: Joe Pasetti – SEMI

Panelist: Bruce Tufts – Intel, Sandy Gauthier – Entegris

Kate Dei Cas – EMD Electronics, Dale Poole – Horiba USA

12:00 – 12:20 PM

Break

12:20 – 12:50 PM

Semiconductor Industry Outlook and Impact on Electronic Gases

Duncan Meldrum, Hilltop Economics

12:50 – 1:20 PM

ESG Market Update

Andy Tuan, Linx Consulting

1:20 – 1:30 PM

Day 1 Closing Comments

Special Evening Replay Session

9:00 – 9:15 PM

Introductory Comments

Michael Corbett, Linx Consulting

9:15 – 9:45 PM

Challenges and Requirements of Precursors in the Advanced Manufacturing Process

Yi-Hsiu Hsiao, TSMC

9:45 – 10:30 PM

Panel Discussion – Impact of Supply Chain by Semiconductor Investments in the US

Moderator: Joe Pasetti – SEMI

Panelist: Bruce Tufts – Intel, Sandy Gauthier – Entegris,

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

Day 2 – October 13, 2021

Rare Gas Market Perspectives
Emerging Trends in Purification and Analytics

(All times EDT)

10:00 – 10:15 AM

Day 2 Opening Remarks

Michael Corbett, Linx Consulting

10:15 – 10:45 AM

Helium Market Trends & Expectations

Phil Kornbluth, Kornbluth Helium Consulting

10:45 – 11:15 AM

The Volatile Global Rare Gas Market

Richard Betzendahl, Betzendahl Gas Consultants

11:15 – 11:30 AM

Break

11:30 – 12:15 PM

**Keynote – Sustainability and Regulatory Challenges through
The Electronics Specialty Gas Lifecycle**

Tony Lachawiec Jr., EMD Electronics

12:15 – 1:00 PM

**Keynote – Characterizing Precursor Delivery for Vapor
Deposition Processes**

James Maslar, NIST

1:00 – 1:30 PM

Analysis of Bulk and Specialty Gases

Marty Spartz, Max Analytical

1:30 – 1:40 PM

Day 2 Closing Comments

Special Evening Replay Session

9:00 – 9:15 PM

Introductory Comments

Mike Corbett, Linx Consulting

9:15 – 9:45 PM

Helium Market Trends & Expectations

Phil Kornbluth, Kornbluth Helium Consulting

9:45 – 10:15 PM

Rare Gas Market Trends & Expectations

Richard Betzendahl, Betzendahl Gas Consultants

10:15 – 11:00 PM

**Keynote – Sustainability and Regulatory Challenges through
The Electronics Specialty Gas Lifecycle**

Tony Lachawiec Jr., EMD Electronics

11:00 – 11:45 PM

**Keynote – Characterizing Precursor Delivery for Vapor
Deposition Processes**

James Maslar, NIST

Day 3 – October 14, 2021

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

David Thompson, Applied Materials

11:00 – 11:30 AM

Overcoming the Challenges of Delivering Vapor from Solid Sources

Bryan Hendrix, Entegris

11:30 – 12:00 PM

Break

12:00 – 12:45 PM

Keynote – Facilities Challenges with Implementation of Gas Delivery Systems

John Maas, Micron

12:45 – 1:15 PM

Developments in Hydrogen Infrastructure for EUV Lithography

Ton van der Net, ASML

1:15 – 1:45 PM

Hydrogen Delivery for EUVL – Supplier Perspective

Benjamin Jurcik, Air Liquide

1:45 – 2:00 PM

Closing Keynote – Lessons from Pharma in the COVID ERA

Kyle Flanigan, USSF

2:00 – 2:10 PM

Closing Remarks

Mike Corbett, Linx Consulting

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

David Thompson, Applied Materials

10:00 – 10:45 PM

Keynote – Facilities Challenges with Implementation of Gas Delivery Systems

John Maas, Micron

10:45 – 11:15 PM

Hydrogen Delivery for EUVL – OEM Perspective

Ton van der Net, ASML

All The Presentations Will Be Posted At the End Of The Conference

The Electronic Specialty Gas Conference 2021 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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