



Conference Ghost Town Dinner
February 25 - 26, 2019
SkySong, Scottsdale, Arizona, USA

SkySong

1475 N Scottsdale Rd, Scottsdale, Arizona, 85257, USA

Room Numbers: 201 & 301

“Please CONNECT with us”, please feel free to connect with me with questions
at 425-783-9777 via text or email: DrJoannaMoore@circculus.com

February 25, 2019

7:30 Connecting Breakfast, Sky Market & Deli- Catering

8:00 Welcome: Master of Ceremonies: Stephen Guine, *Senior Manager, Northrop Grumman*

8:05 Welcome: The Honorable Jim Lane, *Mayor, City of Scottsdale*

8:20 Session 1: Aerospace Global Market & Strategic Partnership, Chair & Moderator:
Brigitte Santaella, *President, Arizona Aerospace and Defense Association*

8:20 Keynote: “Space Market Opportunities and Challenges”, Kirby Ikin,
Chairman of the Board, National Space Society, Washington DC

**8:50 Keynote: “Boeing Global Security Operations Center in Mesa: All-Hazards,
All-Threats, All the Time”,** Jeremy Rodrigues, *Senior Manager, Boeing*

9:10 Panel: Aerospace Global Market & Strategic Partnership

Ligia McLean, *Senior Manager, Boeing*

David Dietz, *Senior Director, Program Management Office, Honeywell*

The Honorable John Allen, *Arizona State Representative, Chapter Co-Chair,
Aerospace States Association*

Arnaldo Soto, *Chairman & CEO, AQST Space Systems*

Lynn Spencer, *Economic Development, Falcon Field Airport*

9:45 Connecting Coffee, Sky Market & Deli- Catering

**10:15 Session 2: Disruptive Success Factors for Small / Mid – Size Companies to
Collaborate with Large Companies, Chair & Moderator:** David Garafano, *Executive
Director, Arizona Manufacturing Extension Partnership Program (AZ MEP)*

Registration: <http://www.americasaerocluster.org>



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10:15 Keynote: “A&D Collaboration and Success” Sandra Watson, *President & CEO, Arizona Commerce Authority*

10:45 Presentation: “Supply Chain Flight Plan” Seema Phull, *Principal, ForeOptics*

11:00 Panel: Disruptive Success Factors for Small / Mid – Size Companies to Collaborate with Large Companies

Sandra Watson, President & CEO, Arizona Commerce Authority
Tim Grein, President, Walbar
Seema Phull, Principal, ForeOptics
Ligia McLean, Senior Manager, Boeing

11:45 Networking Lunch, Va Bene Italian Restaurant, Catering

12:45 Session 3: Space, Opportunities to Partnerships, Arizona Impact, Chair & Moderator: Scott Smas, *Program Manager, ASU New Space, Arizona State University*

12:45 Presentation: “Launch to Market Faster, Scalable Solutions for the Satellite Market”, Alex Rodriguez, *Vice President, Government and External Relations, Vector Launch*

1:00 Presentation: “Water in Space, Paragon Roadmap to Success in Space in Thermal Control and Life Support”, Grant Anderson, *President & CEO, Co-Founder, Paragon*

1:15 Presentation: “New Space Initiative, Global Collaboration and Roadmap to Success” Scott Smas, *Program Manager, ASU New Space, Arizona State University*

1:30 Panel: Space, Opportunities to Partnerships, Arizona Impact

Alex Rodriguez, VP Government & External Relations, Vector Launch
Stephen Guine, Senior Manager, Northrop Grumman
Joe Zuckerbrow, Director, Military and National Programs, Honeywell
Kirby Ikin, Chairman of the Board, National Space Society, Washington DC
Grant Anderson, President, CEO & Co-Founder, Paragon



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2:00 Connecting Coffee, Sky Market & Deli- Catering

2:30 Session 4: Opportunities to Partner with Global Aerospace Clusters, Chair & Moderator: Doug Bruhnke, *Founder and CEO, Global Chamber*

2:30 Presentation: “Stronger Together – Connecting Aerospace Clusters Since 2006”, Andrzej Rybka, *Director, Polish Aerospace Cluster, EU/ Poland*

2:45 Presentation: “State of the Industry in Hungary”, Attila Danku, *Investment and Trade Commissioner, Consulate General of Hungary*

3:00 Presentation: “Aerospace Clusters in Malesia” CH Loh, *Director, Malaysian Investment Development Authority (MIDA)*

3:10 Presentation: “Investment Opportunities in Mexicali”, Xavier Sanchez, *Business Development, Investment Development Commission of Mexicali*

3:20 Presentation: “Baja California: A Place to Collaborate in Aerospace”, Estivali Orozco, *Baja Aerospace Cluster, Economic Development of Baja California*

3:30 Panel: Opportunities to Partner with Global Aerospace Clusters

Andrzej Rybka, *Director, Polish Aerospace Cluster, EU/ Poland*

Attila Danku, *Consulate General of Hungary*

Xavier Sanchez, *Investment Development Commission of Mexicali*

Estivali Orozco, *Economic Development of Baja California*

CH Loh, *Director, Malaysian Investment Development Authority (MIDA)*

Stephen Fleming, *VP Strategic Business Initiatives, University of Arizona*

4 : 0 0 Bus pick up at from Sky Song parking lot (please sign up)

5:00-7:30 Ghost Town Dinner

Goldfield Ghost Town - Mammoth Steakhouse

4650 North Mammoth Mine Road, Goldfield, Arizona, 85219

Myth Busters, High School Students, Moderator: Carol Farabee, President & CEO, Young Writers Foundation, Dr. Joanna Szydlo-Moore, Power of Technology for Youth

Sponsors Thank You: Stephen Guine, *Senior Manager, Northrop Grumman*

Partners Thank You: Michael Patterson, *Partner, Spencer Fane*

Industry Awards: Doug Bruhnke, *Founder and CEO, Global Chamber*

Students and Engineering Recognition: Steven Zylstra, *President, Arizona Technology Council*



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7:30 Connecting Breakfast, Sky Market & Deli- Catering

8:00 Welcome: Master of Ceremonies: Stephen Guine, *Senior Manager, Northrop Grumman*

8:05 Session 5: Cyber Security & Safety as a Global Challenge, Chair & Moderator: Micah Mangione, *Investigator, C.L.E.A.R. Consulting, President, Connect-IO*

8:05 Presentation: "How to Protect your Assets and Intellectual Property, the US Government has Tool and Programs that can Help Your Organization."

Andrew Lee, *Acting Group Supervisor, IPR/Trade Fraud Group, Homeland Security Investigation, Department of Homeland Security*

8:25 Presentation: "The Good, the Bad, and the Ugly: Cybersecurity Legislation in the 116th Congress", Caroline Lynch, *Founder & Owner, Cooper Hill Strategies*

8:45 Presentation: "Cyber Not War", Dr. Jeff Kubiak, *Professor of Practice, School of Politics and Global Studies, Co-Director, MA in Global Security, Senior Fellow, Center on the Future of War, Arizona State University*

9:05 Presentation: "Cyber Security Aerospace Industry Challenges", Ly Vessels, *Cyber Engineer, Honeywell*

9:20 Panel: Cyber Security & Safety as a Global Challenge

Andrew Lee, *Acting Group Supervisor, IPR/Trade Fraud Group, HIS, DHS*

Caroline Lynch, *Founder & Owner, Cooper Hill Strategies*

Dr. Jeff Kubiak, *Professor of Practice, ASU*

Gunnar Light, *President and CEO, Global Growth Strategies, Cyber Security Specialist, NexusTek*

Ly Vessels, *Cyber Engineer, Honeywell*

10:00 Connecting Coffee, Sky Market & Deli- Catering

10:30 Session 6: Space Mining, Materials and Manufacturing- the Arizona Connection, Chair & Moderator: Stephen Fleming, *VP Strategic Business Initiatives, University of Arizona*

10:30 Presentation: "Space Mining, Materials and Manufacturing- the Arizona Connection Overview", Dr. Stephen Fleming, *VP Strategic Business Initiatives, University of Arizona*

10:40 Presentation: "Space Mining", Kapil Galla, *PhD Candidate, University of Arizona, Department of Mining and Geological Engineering*

10:50 Presentation: "Space Materials", Dr. Bryan Paul, *Space Payloads Systems Engineer, General Dynamics Mission Systems*



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11:10 Presentation: “Designing for Space Manufacturing”, Dr. Dhruv Bhate,
Associate Professor, Engineering, Arizona State University

11:20 Presentation: “Extraterrestrial Additive Manufacturing”, Dr. Doug Loy,
*Professor of Materials Science and Engineering, Professor of Chemistry and
Biochemistry, University of Arizona*

11:30 Panel: Space Mining, Materials and Manufacturing- the Arizona Connection

Kapil Galla, PhD Candidate, University of Arizona

Dr. Dhruv Bhate, Associate Professor, Engineering, ASU

Dr. Bryan Paul, Space Payloads Systems Engineer, General Dynamics

Dr. Doug Loy, Professor, University of Arizona

12:00 Networking Lunch, Bitters Bar & Food

1455 N Scottsdale Rd, Suite 115, Scottsdale, AZ, 85257

12:55 2019 Paris Air Show Invitation: Alan Carey, *Managing Director, Global
Business Incorporated; Aerospace Arizona & Americas Aerospace Cluster*

1:00 Session 7: Airport and Aircraft Security, Chair & Moderator: Gunnar Light,
President and CEO, Global Growth Strategies, Cyber Security Specialist NexusTek

1:00 Presentation: “Think About Security Like an Air Marshall”, Remy Carrasco,
*former Federal Air Marshall, Investigator, C.L.E.A.R. Consulting, Chief Security
Officer, Connect-IO*

1:20 Presentation: “Aviation and Human Trafficking”, Rebecca Mares, *Attorney,
Lane Powell*

1:40 Presentation: “Antiterrorism Travel Protection Measures”, Abiud Montes,
USMC (Ret), Motivational Speaker

**2:00 Panel: “Commercial World Opportunity and Challenges, What Next, How
We Can Collaborate in this Complex World”**

Remy Carrasco, C.L.E.A.R. Consulting, Connect-IO

Rebecca Mares, Lane Powell

Abiud Montes, USMC (Ret), Motivational Speaker

Ligia McLean, Senior Manager, Boeing

Vamsi Gundluru, Sr. Director, Honeywell

2:30 Connecting Coffee, Sky Market & Deli- Catering

3:00 Session 8: Disruptive Aerospace Innovation, Chair: David Banko, *Associate
Attorney, Spencer Fane*

3:00 Presentation: “Drones, Airspace Security, What Next”, Sgt. John Allen,
Hasardous Materials/WMD, Arizona Department of Public Safety

3:15 Presentation: “UAV Market Outlook, Challenges and Opportunities” Dirk
Beth, *Vice President, Hyalescent Ventures*



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3:30 Presentation: “Increasing Capabilities while Decreasing Costs – The New Design-Build Specifications for Aircraft”, Stephen Simi, *Vice President, Program Manager of Military Aviation Programs, Tucson Embedded Systems*

3:45 Presentation: “Alternative Power – Roadmap” Dr. Don Gervasio, *UofA, Dr. Joanna Szydlo-Moore, Circculus Corporate Consulting*

4:00 Presentation: “International Trade –Aerospace & Defense” Fernando Jimenez, *Senior International Trade Specialist, U.S. Department of Commerce*

4:15 Closing Comments: Master of Ceremonies: Stephen Guine, *Senior Manager, Northrop Grumman*

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A&J Aerospace Services



Young Writers
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Opening Doors to Opportunity



EVIATION



DISCOVER

Conference Founder & Organizer: Dr. Joanna Szydlo-Moore, MBA, Americas Aerospace Cluster, President, Power of Technology for Youth President, Polish America Chamber of Commerce President Aerospace & Defense Forum Chair

Conference Co-organizer: Doug Bruhnke, Global Chamber, President

Conference Co-organizer: Carol Farabee, CEO Shyrlene Enterprises

Contact Us: DrJoannaMoore@circculus.com, tel: +1 425-783-9777

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Social Media and Digital Marketing Chair: Onur Mihoglu, *Senior Manager, Turkish Airlines*

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