**Monday, 12 September**

**MA1: Women in Photonics/Women in Science and Engineering Luncheon**  
*Pre-registration Required*  
**Plenary:** Ms. Lisa Sanders, *USSOCOM Director of Science and Technology*, USA

1:15 pm-1:30 pm – **BREAK - Emerald Foyer**

**Emerald C/D/E**

**MB1: Keynote & Plenary Session**

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<th>Time</th>
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<tr>
<td>1:30 pm-</td>
<td><strong>Welcome Remarks:</strong> David Lambert, <em>Air Force Research Laboratory, Munitions Directorate</em>, USA</td>
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<tr>
<td>3:45 pm</td>
<td><strong>Keynote:</strong> Dr. Victoria Coleman, <em>Chief Scientist of the United States Air Force</em>, USA</td>
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<td><strong>Plenary:</strong> Dr. Timothy Bunning, <em>Chief Technology Officer, Air Force Research Laboratory</em>, USA</td>
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<td><strong>Plenary:</strong> Prof. Yeshiaahu (Shaya) Fainman, <em>Professor, University of California San Diego</em>, USA</td>
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<td><strong>Plenary:</strong> Prof. Benjamin Eggleton, <em>Director of The University of Sydney Nano Institute</em>, Australia</td>
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<td>3:45 pm-</td>
<td><strong>BREAK - Emerald Foyer</strong></td>
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**Emerald C/D/E**

**MC1: Workforce Development and Networking**  
**Plenary:** Mr. Rodney Allen, *Air Force Research Laboratory*, USA
**Tuesday, 13 September**

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<th>Session</th>
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<tr>
<td>8:00 am-10:00 am</td>
<td><strong>Emerald A</strong></td>
<td>TuA1: Active Plasmonics and Nanophotonics</td>
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<td><strong>Emerald B</strong></td>
<td>TuB1: Optical Methods for Characterizing Propulsion Systems</td>
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<td></td>
<td><strong>Coastal A</strong></td>
<td>TuC1: Microwave Optics and RF Photonics</td>
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<td>8:00 am-10:00 am</td>
<td><strong>Coastal B</strong></td>
<td>TuD1: Infrared Organic Materials &amp; Properties</td>
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<td><strong>Coastal C</strong></td>
<td>TuE1: High Power Laser Matter Interaction</td>
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<td>TuE2: Pulse Laser Technology and Applications</td>
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<td><strong>Pelican</strong></td>
<td>TuF1: Human Machine Symbiosis</td>
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<td>10:00 am-10:15 am</td>
<td><strong>Emerald Foyer</strong></td>
<td>10:00 am-10:15 am - BREAK - Emerald Foyer</td>
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<tr>
<td>10:15 am-12:15 pm</td>
<td><strong>Emerald B</strong></td>
<td>TuB2: T&amp;E Tools, Challenges, and Opportunities in Photonics Forum</td>
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<td><strong>Coastal A</strong></td>
<td>TuC2: Interferometric Analysis Methods</td>
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<td>10:15 am-12:15 pm</td>
<td><strong>Coastal B</strong></td>
<td>TuD2: Modeling and Simulation for Advanced Photonics</td>
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<td><strong>Coastal C</strong></td>
<td>TuE3: Laser/Emiters</td>
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<td>12:15 pm-1:30 pm</td>
<td><strong>Plenary</strong></td>
<td>12:15 pm-1:30 pm - STEM Luncheon <em>Pre-registration Required</em></td>
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<td>Plenary: Dr. George Fischer, Army Combat Capabilities Development Command, USA</td>
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<td>1:30 pm-3:30 pm</td>
<td><strong>Emerald A</strong></td>
<td>TuA3: Integrated Quantum Photonics</td>
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<td><strong>Emerald B</strong></td>
<td>TuB3: Blast/Shock Wave Imaging and Spectroscopic Techniques-I</td>
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<td><strong>Coastal A</strong></td>
<td>TuC3: Optical Sensing and Computational Imaging Systems</td>
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<td><strong>Coastal B</strong></td>
<td>TuD3: Non-Epitaxial Optoelectronic Devices</td>
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<td>1:30 pm-3:30 pm</td>
<td><strong>Coastal C</strong></td>
<td>TuE4: High Peak and Average Power Laser Technology Solid State</td>
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<td><strong>Pelican</strong></td>
<td>TuF3: Devices and Systems for Sensors</td>
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<td>3:45 pm-5:15 pm</td>
<td><strong>Emerald B</strong></td>
<td>TuA4: Ultrafast and Nonlinear Nanophotonics</td>
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<td><strong>Coastal A</strong></td>
<td>TuB4: Blast/Shock Wave Imaging and Spectroscopic Techniques-II</td>
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<td><strong>Coastal B</strong></td>
<td>TuC4: UV Optoelectronics</td>
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<td><strong>Coastal C</strong></td>
<td>TuD4: Two-Dimensional Materials &amp; Topological Photonics</td>
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<td><strong>Pelican</strong></td>
<td>TuE5: Terahertz Photonics</td>
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<td>7:00 pm-9:00 pm</td>
<td><strong>Welcome Reception</strong></td>
<td>Welcome Reception - Barefoot’s Deck</td>
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<td>WA1: Biosensing Methods</td>
<td>WB1: Novel Materials for Photonics</td>
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<td>12:15 pm-1:15 pm</td>
<td><strong>LUNCH BREAK</strong> – On Own</td>
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<td>WA4: Methods and Systems for High Speed Imaging and Sensing of Biological Systems</td>
<td>WB4: Recent Advances, Discoveries and Future Opportunities in Photonic Nano-Materials</td>
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