### Day 1: Fundamentals | Wednesday, March 13th

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 am - 8:30 am</td>
<td>Check-in for on-site participants</td>
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<tr>
<td>8:45 am - 9:00 am</td>
<td>Welcome and Introductions&lt;br&gt;Dr. Murat Kacira - CEAC Director, Interim Head and Professor, Biosystems Engineering Department, The University of Arizona</td>
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<tr>
<td>9:00 am - 9:45 am</td>
<td>Controlled Environment Greenhouses and Hydroponics&lt;br&gt;Dr. Merle Jensen - Professor Emeritus, School of Plant Sciences, The University of Arizona</td>
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<td>9:45 am - 10:00 am</td>
<td>Discussion and Q&amp;A</td>
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<td>10:00 am - 10:45 am</td>
<td>Managing Plant Nutrition for Crop Production&lt;br&gt;Dr. Triston Hooks - Professor, Biosystems Engineering, The University of Arizona</td>
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<td>10:45 am - 11:00 am</td>
<td>Discussion and Q&amp;A</td>
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<tr>
<td>11:00 am - 11:30 am</td>
<td>Break &amp; Exhibitor Networking</td>
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<td>11:30 am - 12:15 pm</td>
<td>Integrated Pest Management&lt;br&gt;Dr. Triston Hooks - Professor, Biosystems Engineering, The University of Arizona</td>
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<td>12:15 pm - 12:30 pm</td>
<td>Discussion and Q&amp;A</td>
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<td>12:30 pm - 1:30 pm</td>
<td>Lunch</td>
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<td>1:30 pm - 2:15 pm</td>
<td>Greenhouse Design&lt;br&gt;Dr. Gene Giacomelli - Professor, Biosystems Engineering, The University of Arizona</td>
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<td>2:15 pm - 2:30 pm</td>
<td>Discussion and Q&amp;A</td>
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<td>2:30 pm - 3:00 pm</td>
<td>Sponsor Presentations</td>
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<tr>
<td>3:00 pm - 4:30 pm</td>
<td>CEAC Tour Day 1&lt;br&gt;Teaching Greenhouse &amp; Aquaponics Greenhouse</td>
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Day 2: Artificial Intelligence | Thursday, March 14th

9:00 am - 9:45 am  
AI in CEA: The bridge between Computer Science and Plant Science  
Dr. David Story - Crop Management Systems Specialist, Ridder

9:45 am - 10:00 am  
Discussion and Q&A

10:00 am - 10:45 am  
AI and Growing Plants: Limits, threats and opportunities in a world craving for growers  
Dr. Jan Westra - Strategic Business Developer, Priva

10:45 am - 11:00 am  
Discussion and Q&A

11:00 am - 11:30 am  
Break & Exhibitor Networking

11:30 am - 12:15 pm  
AI as the Co-Pilot in CEA: Optimize the use of resources to increase crop yield while reducing environmental impact  
Dr. Kenneth Tran - CEO & Founder, Koidra

12:15 pm - 12:30 pm  
Discussion and Q&A

12:30 pm - 1:30 pm  
Lunch

1:30 pm - 1:45 pm  
CEAC Mission Award

1:45 pm - 2:45 pm  
AI Panel  
Dr. David Story (Ridder), Dr. Jan Westra (Priva), Dr. Kenneth Tran (Koidra), Dr. Jason Licamele (Bayer)

2:45 pm - 3:15 pm  
Sponsor Presentations

3:15 pm - 4:30 pm  
CEAC Tour Day 2  
AdvanCEA Greenhouse & Vertical Farm
Day 3: Alternative Crops | Friday, March 15th

9:00 am - 9:45 am
Aquaponics in CEA
Dr. Matthew Recsetar - Professor, Biosystems Engineering, The University of Arizona

9:45 am - 10:00 am
Discussion and Q&A

10:00 am - 10:45 am
Mushrooms in CEA
Dr. Barry Pryor - Professor, School of Plant Sciences, The University of Arizona

10:45 am - 11:00 am
Discussion and Q&A

11:00 am - 11:30 am
Break & Exhibitor Networking

11:30 am - 12:15 pm
Cultivating Opportunity: A look into vertically integrated cannabis
Miles Sadowsky, Chief Cultivation Officer, Earth's Healing

12:15 pm - 12:30 pm
Discussion and Q&A

12:30 pm - 1:30 pm
Lunch

1:30 pm - 2:00 pm
Sponsor Presentations

2:00 pm - 4:00 pm
CEAC Tour Day 3
Mushroom Lab & Automation Greenhouse
Optional: Mars Lunar Greenhouse