## ASME's Advanced Clean Energy Summit 2020

### Schedule at a Glance

**Thursday, December 3, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>12:00 PM</td>
<td>Conference Website Opens</td>
</tr>
</tbody>
</table>
| 12:30 PM to 1:30 PM | Welcome Address  
|                | *Tom Costabile, CEO, ASME*  
|                | *Brian Wodka, Conference Chair*  
|                | *Bob Stakenborghs, Program Chair*  
|                | **Keynote: Achieving the Clean Energy Promise**  
|                | *Alice Jackson, President, Xcel Energy Colorado*  
|                | We will be kicking off ACES2020 with a keynote focused on bringing  
|                | together the tools and knowledge required to help organizations  
|                | overcome challenges and shape the future of clean energy around  
|                | the world.                                                      |
| 1:30 PM to 1:35 PM | Room Change and Network                                              |
| 1:35 PM to 2:05 PM | Plenary: Investing in Clean Energy  
|                | *Arash Nazhad, Director, Citi Energy Investment Banking*  
|                | Emerging interest in investing in sustainable energy has turned  
|                | the spotlight on clean energy investments and financing these  
|                | technologies' innovation.                                        |
| 2:05 PM to 2:15 PM | Networking Break                                                      |
| 2:15PM to 3:10PM | Female Competitive Advantage in the Clean Energy Industry Panel  
|                | *Emily Morris, Founder and CEO, Emrgy*  
|                | *Alana Duerr, Director, Offshore Wind North America, DNV GL*  
|                | *Suzanne Jaworowski, Consultant, IAEA*  
|                | A group of women leaders come together to discuss how their style  
|                | of leadership has led them where they are today and how they can  
|                | inspire other women to achieve the same.                          |
| 3:10 PM to 3:15 PM | Room Change and Network                                              |
| 3:10 PM to 3:15 PM | Offshore Energy Technologies Panel  
|                | *Dominique Roddier, Founder, Ocergy*  
|                | *Troy Helming, CEO, Pristine Sun*  
|                | *Tim Mundon, Vice President, Oscilla Power, Inc.*  
|                | Offshore wind, floating solar, and ocean waves come together to  
|                | discuss how to create a balanced energy portfolio out at sea.     |
| 3:15 PM to 4:00 PM | Nuclear Energy Innovation Panel  
|                | *Niko McMurray, Nuclear Program Director, ClearPath*  
|                | *Bret Kugelmas, Managing Director, Energy Impact Center*  
|                | *Joel Fetter, Advisor Technology-to-Market, ARPA-E*  
|                | *Judi Greenwald, Executive Director, Nuclear Innovation Alliance*  
|                | Nuclear is a zero-emission clean energy source with a new wave  
|                | of innovation under way.                                         |
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<tr>
<td>4:00 PM to 4:10 PM</td>
<td>Networking Break</td>
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<tr>
<td>4:10 PM to 4:55 PM</td>
<td>Geothermal Resources Panel</td>
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<tr>
<td></td>
<td>Jeremy Harrell, Managing Director, Policy, ClearPath</td>
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<td></td>
<td>Will Petit, Executive Director, Geothermal Rising</td>
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<tr>
<td></td>
<td>Discussion on geothermal energy and how policy can help us unlock this hot resource.</td>
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<tr>
<td>4:55 PM to 5:00 PM</td>
<td>Room Change and Network</td>
</tr>
<tr>
<td>5:00 PM to 5:30 PM</td>
<td>Interview: Financing Clean Energy Projects</td>
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<tr>
<td></td>
<td>Jigar Shah, Co-Founder and President, Generate Capital</td>
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<td></td>
<td>We sit down and have a conversation on how we can finance the energy transition.</td>
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<tr>
<td>5:30 PM to 6:00 PM</td>
<td>Networking and Trivia</td>
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</table>
### Welcome to Day 2
**Brian Wodka, Conference Chair**  
**Bob Stakenborghs, Program Chair**

**10:00 AM to 10:15 AM**

### Plenary: Clean Energy Policy
**Morgan Bazilian, Director, Payne Institute, and Professor of Public Policy, Colorado School of Mines**
A presentation on how clean energy policy has and will shape the future of the clean energy promise.

**10:15 AM to 10:45 AM**

**10:45 AM to 10:50 AM**

**Room Change and Network**

**10:50 AM to 11:20 AM**

### Plenary: NREL Clean Energy Portfolio
**Peter Green, Lab Director, NREL**
We sit down and discuss NREL’s clean energy forecast and the energy portfolio evolution.

**11:20 AM to 11:30 PM**

**Networking Break**

**11:30 PM to 12:15 PM**

### Fossil Fuel Transition Panel
**Briggs White, Technology Manager, National Energy Technology Laboratory**  
**Abhinav Krishna, Executive Director, Strategic Partnership Development & Commercialization, Constellation Energy**  
**John Hofmeister, Founder and CEO, Citizens for Affordable Energy**
Discussing the current fossil fuel portfolio and how we can achieve the energy transition with different technologies.

**11:30 PM to 12:15 PM**

### Hydrogen and Fuel Cells Panel
**Mark Selby, Chief Technology Officer, Ceres Power Ltd, U.K.**  
**Dr. Bryan Pivovar, NREL, DOE Hydrogen@Scale Program**
Discussion of the vision for a hydrogen future and fuel cells.

**12:15 PM to 12:20 PM**

**Room Change and Network**

**12:20 PM to 12:50 PM**

### HB11 Energy: Laser Boron Fusion
**Jan Kirchhoff, Director, HB11 Energy**
We will also discuss this technologies’ benefits and how HB11 is overcoming some of the challenges and hurdles of energy generation.

**12:50 PM to 1:00 PM**

**Networking Break**
## ASME's Advanced Clean Energy Summit 2020
### Schedule at a Glance
#### Friday, December 4, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
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<tbody>
<tr>
<td>1:00 PM to 1:45 PM</td>
<td><strong>Water Power Technologies Panel</strong>&lt;br&gt;Tim Welch, Hydropower Program Manager, Wind and Water Power Technologies Office, US DOE&lt;br&gt;Emily Morris, Founder and CEO, Emrgy&lt;br&gt;Jarlath McEntee, Chief Technology Officer at Ocean Renewable Power Company&lt;br&gt;David Duquette, CEO, Littoral Power Systems, Inc.&lt;br&gt;Gia Schneider, CEO, Natel Energy&lt;br&gt;How hydropower fits into the clean energy portfolio and how policy and standardization shape innovation and commercialization.</td>
</tr>
<tr>
<td>1:45 PM to 1:55 PM</td>
<td><strong>Room Change and Networking</strong></td>
</tr>
<tr>
<td>1:55 PM to 2:40 PM</td>
<td><strong>Technology for Clean Energy Systems Integrity Management Panel</strong>&lt;br&gt;Marius D. Ellingsen, Senior Process Feasibility Analyst, VRC Metal Systems&lt;br&gt;Peter Richter, General Manager, Impact Innovations GmbH&lt;br&gt;Sam DeBruin, Co-Founder and VP of R&amp;D, SkySpecs&lt;br&gt;With clean and renewable energy facilities coming in operation, asset integrity management become a key element for sustainable production. We discuss different aspects of the integrity management plan for clean energy systems.</td>
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<tr>
<td>2:40 PM to 2:50 PM</td>
<td><strong>Networking Break</strong></td>
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<tr>
<td>2:50 PM to 3:35 PM</td>
<td><strong>Grid Operations – Renewables Panel</strong>&lt;br&gt;Ken Schuyler, PJM Manager, Renewable Services&lt;br&gt;Joel Jansen, Chief Operating Officer of AEP Onsite Partners&lt;br&gt;Relationship between the grid and renewables and how existing entities are working with the shift.</td>
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<tr>
<td>3:35 PM to 4:00 PM</td>
<td><strong>Conference Wrap-Up</strong>&lt;br&gt;Brian Wodka, Conference Chair&lt;br&gt;Bob Stakenborghs, Program Chair</td>
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