Monday, August 3, 2020

**On Demand**

**Welcome from Chairs**

Siemens Simulator

**Workshops**

Thermalhydraulic Methods, Experimentation and Benchmarking Workshop

Computational Fluid Dynamics Workshop

Nuclear Codes and Standards Workshop

**Tutorials**

Recognizing Pipe Support Problems Tutorial

Generator Tutorial on Operational Impacts

Care and Feeding of Fluid Film Bearings Tutorial

**Panel**

Post Fukushima-Daiichi Nuclear Safety and Plant Decommissioning Panel

POWER2020 Student and Early Career Panel
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
</tr>
</thead>
</table>
| 10:00AM to 10:15AM   | General Session Room - Welcome Message                                  | Opening: Tom Costabile, ASME CEO  
Conference Chairs: Shripad Revankar and Steve Greco                      |
| 10:15AM to 11:00AM   | General Session Room - Keynote                                          | Nuclear Energy: A Legacy of Accomplishment and A Vision for a Better Future  
Bill Magwood, Director-General, Nuclear Energy Agency  
Live Q&A                                                               |
| 11:00AM to 11:15AM   | Networking Break                                                        | Technical Sessions                                                      |
| 11:15AM to 12:15PM   | Breakout Room #1                                                        | ACE Rule Panel Live Q&A                                                 |
|                      | Moderators: Brian Wodka, Tina Toburen                                    | Panelists: Tony Licata, *Licata Energy*  
Michael Smiarowski, *Siemens*  
Keith Kirkpatrick, *McHale and Associates*                                 |
|                      | Breakout Room #2                                                        | COVID-19 Impacts on Electrical Utilities Panel Live Q&A                  |
|                      | Moderators: Frank Michell, Shripad Revankar                              | Panelists: Emeka Okafor, *AEP Ohio*  
Bethany Schunn, *Cardinal Power Plant*  
Dragan Komljenovic, *Hydro Quebec*                                         |
| 12:15PM to 12:30PM   | Networking Break                                                        | Technical Sessions                                                      |

*NOTE: *Panelists' names are fictional and for demonstration purposes. The session details are based on a hypothetical conference schedule.
<table>
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</tr>
</thead>
<tbody>
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<td>12:30PM to 1:15PM</td>
<td>General Session Room - Plenary&lt;br&gt;Tomorrow's Energy, Today: Modernization of the Nuclear Industry&lt;br&gt;Ken Canavan, Chief Technology Officer, Westinghouse Electric Co.&lt;br&gt;Live Q&amp;A</td>
<td>General Session Room - Plenary&lt;br&gt;Tomorrow's Energy, Today: Modernization of the Nuclear Industry&lt;br&gt;Ken Canavan, Chief Technology Officer, Westinghouse Electric Co.&lt;br&gt;Live Q&amp;A</td>
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| 1:15PM to 1:45PM | Exhibit Hall Break                                                                 | Siemens Simulator (Live)
<p>|               |                                                                                   | Interactive Session&lt;br&gt;Technical Sessions&lt;br&gt;Technical Session Room #1&lt;br&gt;ICONE 7.5 - Thermal-Hydraulics&lt;br&gt;Technical Session Room #2&lt;br&gt;ICONE 13.1 - Probabilistic Risk Assessments&lt;br&gt;Technical Session Room #3&lt;br&gt;ICONE 14.3 - Student Paper Competition&lt;br&gt;Technical Session Room #4&lt;br&gt;ICONE 14.5 - Student Paper Competition&lt;br&gt;Technical Session Room #5&lt;br&gt;ICONE 3.2 - Nuclear Plant Engineering&lt;br&gt;Technical Session Room #6&lt;br&gt;ICONE 5.3 - Nuclear Safety, Security, and Cyber Security&lt;br&gt;Technical Session Room #7&lt;br&gt;ICONE 8.3 - Computational Fluid Dynamics (CFD)&lt;br&gt;Technical Session Room #8&lt;br&gt;ICONE 10.1 - Decontamination &amp; Decommissioning&lt;br&gt;Technical Session Room #9&lt;br&gt;POWER 5 - Plant Development and Construction&lt;br&gt;POWER 10.2 - Thermal Hydraulics and Computational Fluid Dynamics |
| 1:45PM to 3:15PM | Breakout Room #1&lt;br&gt;<strong>Idaho National Lab:</strong>&lt;br&gt;Enabling a Bright Future for Nuclear Energy through Innovation Panel&lt;br&gt;Live Q&amp;A&lt;br&gt;Moderators:&lt;br&gt;John Wagner&lt;br&gt;George Mesina&lt;br&gt;Panelists:&lt;br&gt;Bruce Hallbert&lt;br&gt;Nicholas Smith&lt;br&gt;Mike Narato&lt;br&gt;Christine King&lt;br&gt;Jess Gehin&lt;br&gt;Kemal Pasamehmetoglu | Breakout Room #1&lt;br&gt;<strong>Idaho National Lab:</strong>&lt;br&gt;Enabling a Bright Future for Nuclear Energy through Innovation Panel&lt;br&gt;Live Q&amp;A&lt;br&gt;Moderators:&lt;br&gt;John Wagner&lt;br&gt;George Mesina&lt;br&gt;Panelists:&lt;br&gt;Bruce Hallbert&lt;br&gt;Nicholas Smith&lt;br&gt;Mike Narato&lt;br&gt;Christine King&lt;br&gt;Jess Gehin&lt;br&gt;Kemal Pasamehmetoglu |
|               | Breakout Room #2&lt;br&gt;Robotics and Drones Seminar&lt;br&gt;Live Q&amp;A&lt;br&gt;Moderators:&lt;br&gt;Navid Goudarzi&lt;br&gt;Frank Michell&lt;br&gt;Panelists:&lt;br&gt;Dwayne McDaniel, FIU&lt;br&gt;Dave Kahan, GeckoRobotics&lt;br&gt;Cory Knittel, Skydio&lt;br&gt;Lou Nash, Measutronics Corp. | Breakout Room #2&lt;br&gt;Robotics and Drones Seminar&lt;br&gt;Live Q&amp;A&lt;br&gt;Moderators:&lt;br&gt;Navid Goudarzi&lt;br&gt;Frank Michell&lt;br&gt;Panelists:&lt;br&gt;Dwayne McDaniel, FIU&lt;br&gt;Dave Kahan, GeckoRobotics&lt;br&gt;Cory Knittel, Skydio&lt;br&gt;Lou Nash, Measutronics Corp. |
| 3:15PM to 3:30PM | Exhibit Hall Break                                                                 | Technical Sessions&lt;br&gt;Technical Session Room #1&lt;br&gt;ICONE 7.5 - Thermal-Hydraulics&lt;br&gt;Technical Session Room #2&lt;br&gt;ICONE 13.1 - Probabilistic Risk Assessments&lt;br&gt;Technical Session Room #3&lt;br&gt;ICONE 14.3 - Student Paper Competition&lt;br&gt;Technical Session Room #4&lt;br&gt;ICONE 14.5 - Student Paper Competition&lt;br&gt;Technical Session Room #5&lt;br&gt;ICONE 3.2 - Nuclear Plant Engineering&lt;br&gt;Technical Session Room #6&lt;br&gt;ICONE 5.3 - Nuclear Safety, Security, and Cyber Security&lt;br&gt;Technical Session Room #7&lt;br&gt;ICONE 8.3 - Computational Fluid Dynamics (CFD)&lt;br&gt;Technical Session Room #8&lt;br&gt;ICONE 10.1 - Decontamination &amp; Decommissioning&lt;br&gt;Technical Session Room #9&lt;br&gt;POWER 5 - Plant Development and Construction&lt;br&gt;POWER 10.2 - Thermal Hydraulics and Computational Fluid Dynamics |</p>
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| 3:30PM to 5:00PM | Breakout Room #1  
Live Intro  
Advanced Fuel Development Panel  
Live Q&A  
Moderator: Guoqiang Wang  
Panelists: Masao Owaki, Toshiba  
Dennis Hussey, EPRI  
John Strumpell, Framatome  
Bernie Copsey, Westinghouse  
Min Xiao, CNPRI  
Breakout Room #2  
Operational Flexibility Workshop  
Live Q&A  
Instructors: Steve Radke, Siemens  
Brian Vitalis, Babcock Power  
Alejandro Felix, Siemens  
William Conlon, Pintail Power  
Steve Reid, TG Advisers  
Glenn Davis, Siemens |
| 5:00PM to 5:30PM | Opening and Networking Reception  
Sponsor: Westinghouse Electric Co.  
Introduction by Jeffrey Bradfute |
| 5:30PM to 6:00PM | Exhibit Hall |

Technical Sessions
- Technical Session Room #1  
ICONE 1.1 - Operating Plant Experience  
ICONE 10.2 - Decontamination & Decommissioning  
ICONE 7.6 - Thermal-Hydraulics  
ICONE 14.6 - Student Paper Competition  
ICONE 5.2 - Nuclear Safety, Security, and Cyber Security  
ICONE 5.6 - Nuclear Safety, Security, and Cyber Security  
ICONE 12 - Nuclear Policy  
ICONE 4.2 - SMR and Advanced Reactors  
ICONE 8.2 - Computational Fluid Dynamics (CFD)  
ICONE 9.1 - Plant Performance
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<td>10:15AM to 11:45AM</td>
<td>Breakout Room #1</td>
<td>Idaho National Lab: Combining Energy Systems with Security Resiliency, and Efficiency Panel Live Q&amp;A</td>
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<td>Moderator: George Mesina</td>
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<td>Panelists:</td>
<td>Shannon Bragg-Sitton, Jake Gentle, Thomas Mosier, Kurt Myers, Tanvir Tanim</td>
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<td>Breakout Room #2</td>
<td>Advanced Manufacturing Panel Live Q&amp;A</td>
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<td>Moderator:</td>
<td>Marc Albert, EPRI</td>
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<td>12:30PM to 1:15PM</td>
<td>General Session Room - Plenary</td>
<td>INL, A Vital Resource to Meet the Nation's Energy and Security Future Mark Peters, INL Lab Director Live Q&amp;A</td>
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<td>Exhibit Break</td>
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<tr>
<td>Time</td>
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<td>Room 2</td>
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| **1:45PM to 3:15PM** | Breakout Room #1  
POWER Student Competition  
Live Q&A  
Moderators:  
Andre Teixeira  
Steve Greco | Breakout Room #2  
SMR and Advanced Reactors Panel  
Live Q&A  
Moderator:  
Shripad Revankar  
Panelists:  
Matthew Swartz,  
*Westinghouse*  
Masayoshi Matsuura,  
*Hitachi*  
Song Danrong,  
*NPIC* | Technical Sessions  
Technical Session Room #1  
ICONE 6.1 - Codes & Standards | Technical Session Room #2  
ICONE 7.3 - Thermal-Hydraulics | Technical Session Room #3  
ICONE 3.4 - Nuclear Plant Engineering | Technical Session Room #4  
ICONE 4.1 - SMR and Advanced Reactors | Technical Session Room #5  
ICONE 5.4 - Nuclear Safety, Security, and Cyber Security | Technical Session Room #6  
ICONE 7.2 - Thermal-Hydraulics | Technical Session Room #7  
POWER 8.1 - Steam Turbines, Generators and Auxiliaries | Technical Session Room #8  
POWER 2 - Combustion Turbine Combined Cycles | Technical Session Room #9  
POWER 11 - Water Management for Power Systems |
<p>| <strong>3:15PM to 3:30PM</strong> | Student Live Q&amp;A | | | | | | | | |
| <strong>Exhibit Hall Break</strong> | | | | | | | | | |</p>
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| 3:30PM to 5:00PM | Breakout Room #1 Nuclear Policy Panel  
Live Q&A  
Moderator: Bob Stakenborghs  
Panelists: Suzie Jaworowski, US DOE  
Alyse Huffman, US House of Reps.  
Spencer Nelson, US Senate  
Niko McMurray, ClearPath  
Jackie Kempfer, Third Way  
Breakout Room #2  
ICONE Student Competition Winners  
Live Q&A  
Moderators: Shripad Revankar  
Suyuan Yu  
Shuichiro Miwa  
Wolfgang Hasen |
| 5:00PM to 5:45PM | Awards Ceremony                                                                   |