

## CSE19 Industry At-a-Glance Calendar for Talks and Events

[Link to Full Program](#)

Session Time	Title (click for talk details)	Room
<b>Monday February 25</b>		
8:30 AM - 9:15 AM	IP1 Modelling 100 Percent Renewable Electricity	100BC
9:45 AM - 11:25 AM	MS11 Data Enabled Modeling and Discovery in Science and Engineering - Pt. I	300B
9:45 AM - 11:25 AM	MS8 Uncertainty Quantification and Data Assimilation - Pt. I	111B
9:45 AM - 11:25 AM	MS15 Fast Methods for High-Frequency Wave Propagation - Pt. I	303A
9:45 AM - 11:25 AM	CP1 Modeling and Uncertainty Quantification I	301
2:15 PM - 3:55 PM	MS42 Uncertainty Quantification and Data Assimilation - Pt. II	111B
2:15 PM - 3:55 PM	MS45 Data Enabled Modeling and Discovery in Science and Engineering - Pt. II	301
2:15 PM - 3:55 PM	MS50 Fast Methods for High-Frequency Wave Propagation - Pt. II	303A
2:15 PM - 3:55 PM	CP3 Modeling and Uncertainty Quantification II	201A
4:10 PM - 5:50 PM	MS93 Nonlinear Reduced Order Modeling of Realistic Engineering Fluid Flows	206C
4:10 PM - 5:50 PM	MS98 Computational Advances for Large-scale Geophysical Data	401C
4:10 PM - 5:50 PM	MS101 Scientific Data Visualization Platforms Facilitating New Paradigms	402C
<b>Tuesday February 26</b>		
8:30 AM - 9:15 AM	IP3 Reduced Order Methods for PDEs: State of the Art and Perspectives with Applications in Industry, Medicine and Environmental Sciences	100BC
9:45 AM - 11:25 AM	MS127 Design and Usability of High-performance PDE Software Engines and Frameworks - Pt. I	206C
9:45 AM - 11:25 AM	MS133 Quantitative Image Analysis - Pt. I	402A
2:15 PM - 3:55 PM	MS137 Toward Software Ecosystems for Computational Science and Engineering	Conf. Theater
2:15 PM - 3:55 PM	MS161 Design and Usability of High-performance PDE Software Engines and Frameworks - Pt. II	206C
2:15 PM - 3:55 PM	MS167 Quantitative Image Analysis - Pt. II	402A
4:50 PM - 6:50 PM	PP103 Minisymposium: Software Productivity and Sustainability for CSE and Data Science	Riverside Hall D
6:30 PM - 8:00 PM	Industry Reception	Ballroom Foyer
<b>Wednesday February 27</b>		
9:45 AM - 11:25 AM	MS177 Machine Learning Approaches for the Sciences and Engineering: Recent Developments - Pt. I	111B
9:45 AM - 11:25 AM	MS180 Multiphysics and Multiscale Problems in Computational Science and Engineering - Pt. I	300B
9:45 AM - 11:25 AM	MS200 Sparse Function Approximations: Theory and Applications - Pt. I	401C
2:15 PM - 3:55 PM	MS Data Science and Analytics in Industry	402A
2:15 PM - 3:55 PM	MS210 Machine Learning Approaches for the Sciences and Engineering: Recent Developments - Pt. II	111B
2:15 PM - 3:55 PM	MS213 Multiphysics and Multiscale Problems in Computational Science and Engineering - Pt. II	300B
2:15 PM - 3:55 PM	MS234 Sparse Function Approximations: Theory and Applications - Pt. II	401C
2:15 PM - 3:55 PM	MS235 Data Science and Analytics in Industry	402A
<b>Thursday February 28</b>		
9:45 AM - 11:25 AM	MS250 Advances in Computational Drug Discovery - Pt. I	302A
9:45 AM - 11:25 AM	MS255 Underwater Sensing and Signal Processing - Pt. I	202A
9:45 AM - 11:25 AM	MS256 Industrial Eigensolution Technology: Advances and Challenges - Pt. I	202B
9:45 AM - 11:25 AM	MS257 Towards Digital Twins for Industrial Applications - Pt. I	202C
9:45 AM - 11:25 AM	MS260 Applications of Data Assimilation in Science, Engineering, and Industry - Pt. I	206A
9:45 AM - 11:25 AM	MS266 Inverse Problems in Medical Imaging - Pt. I	401B
1:00 PM - 1:45 PM	IP7 Physical, Numerical, and Computational Challenges in Modelling Oceans for Climate	Ballroom 100BC
2:15 PM - 3:55 PM	MS274 Industrial Eigensolution Technology: Advances and Challenges - Pt. II	102B
2:15 PM - 3:55 PM	MS283 Advances in Computational Drug Discovery - Pt. II	302A
2:15 PM - 3:55 PM	MS291 Towards Digital Twins for Industrial Applications - Pt. II	202C
2:15 PM - 3:55 PM	MS289 Underwater Sensing and Signal Processing - Pt. II	202A
2:15 PM - 3:55 PM	MS294 Applications of Data Assimilation in Science, Engineering, and Industry - Pt. II	206A
2:15 PM - 3:55 PM	MS300 Inverse Problems in Medical Imaging - Pt. II	401B
4:10 PM - 5:50 PM	MS311 Applications of Machine Learning in Fluid Mechanics	111C
<b>Friday March 1</b>		
9:45 AM - 11:25 AM	MS347 Advances in Global Sensitivity Analysis with Applications to Complex Systems - Pt. I	300B
9:45 AM - 11:25 AM	MS348 Guidance from Early Applications of Quantum Computers	300C
9:45 AM - 11:25 AM	MS351 Recent Advances in Numerical Methods for Multiphase Flow Problems - Pt. I	303A
11:30 AM - 1:10 PM	MS380 Advances in Global Sensitivity Analysis with Applications to Complex Systems - Pt. II	300B
11:30 AM - 1:10 PM	MS383 Recent Advances in Numerical Methods for Multiphase Flow Problems - Pt. II	303A