



DAY 1

Wednesday, October 8

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| 8:30 AM - 9:00 AM | Registration |
| 9:00 AM - 9:30 AM | Introduction and Welcome Address
<i>Presenter: Kristen Benjamin, MHI & Om Nayak, Nayak Corporation</i> |
| 9:30 AM - 10:15 AM | Keynote Presentation:
Need for High-Fidelity System Modeling, and Power-HIL to Plan, and Build Out the Future Hybrid Grid
<i>Presenter: Dr. Johan H.R. Enslin, Clemson University</i> |
| 10:15 AM - 10:45 AM | Tea & Coffee Break and Networking |
| 10:45 AM - 12:00 PM | Keynote Presentation:
Accuracy and Stability Considerations in EMT Simulation
<i>Presenter: Dr. Ani Gole, University of Manitoba</i> |
| 12:00 PM - 1:00 PM | Lunch Break and Networking |
| 1:00 PM - 1:30 PM | New Features and Improvements in PSCAD Version 5.1
<i>Presenter: Eric Mellick, MHI</i> |
| 1:30 PM - 2:00 PM | Master Library and EMTDC Algorithm Enhancements
<i>Presenter: Dr. Rohitha Jayasinghe, MHI</i> |
| 2:00 PM - 3:00 PM | PSCAD Automation
<i>Presenter: Karl Dirks, MHI</i> |
| 3:00 PM - 3:30 PM | Tea & Coffee Break and Networking |
| 3:30 PM - 4:30 PM | PSCAD Parallel Processing: Simulation Aspects of Multi-Rate, Multi-Version, Multi-Core
<i>Presenter: Dr. Rajendra Singh, MHI</i> |
| 4:30 PM - 4:45 PM | Day 1: Closing Remarks |



Thursday, October 9

8:30 AM - 9:00 AM	Registration
9:00 AM - 10:00 AM	From Weeks to Days: PSAPPS End-to-End Automation for any PSCAD Study <i>Presenters: Dr. Huanfeng Zhao, Nayak Corporation</i>
10:00 AM - 10:30 AM	Tea & Coffee Break and Networking
10:30 AM - 12:00 PM	Large-scale EMT Modeling <i>Presenter: Dr. Randupama Gunasekara, MHI</i>
12:00 PM - 1:00 PM	Lunch Break and Networking
1:00 PM - 1:30 PM	User Presentation 1 Automating PSCAD Case Creation with Python - Streamlining Model Creation <i>Presenter: Evan Kennedy, RLC Engineering</i>
1:30 PM - 2:00 PM	User Presentation 2 Automated Approach to Solving Initial Conditions in PSCAD Simulations <i>Presenter: Chantal Umhoza, RLC Engineering</i>
2:00 PM - 2:30 PM	User Presentation 3 Data Center Loads Modeling in PSCAD, Challenges and Opportunities <i>Presenter: Dr. Sam Maleki, RMS Energy</i>
2:30 PM - 3:00 PM	User Presentation 4 PSCAD Model: Lessons Learned During SVC Controls Hardware Replacement <i>Presenter: James Schwartz, AltaLink Management Ltd</i>
3:00 PM - 3:30 PM	Tea & Coffee Break and Networking
3:30 PM - 4:00 PM	User Presentation 5 Advanced Power System Studies Using PSCAD for Grid Compliance and Reliability <i>Presenter: Narasimha Swaraj Paladi, Quanta Technology</i>
4:00 PM - 4:15 PM	Open Discussion – User Suggestions
4:15 PM - 4:30 PM	Closing Remarks
7:00 PM - 10:00 PM	Networking Dinner Location: Bull & Bowl Address: 501 West 6th Street #200 Austin, Texas 78701



Friday, October 10

- 8:30 AM - 9:00 AM** Registration
- 9:00 AM - 10:00 AM** *PRSIM and Enerplot, Introduction and Advanced features*
Presenter: Dr. Randupama Gunasekara, MHI
- 10:00 AM - 10:30 AM** **Tea & Coffee Break and Networking**
- 10:30 AM - 11:00 AM** **User Presentation 6**
Earthing Switch and Interrupter Study Using PSCAD
Presenter: Dr. Lung-An (Vic) Lee, Dominion Energy
- 11:00 AM - 11:30 AM** **User Presentation 7**
NERC EMTWG - Evolving the North American EMT Modeling Landscape
Presenter: Aung Thant, NERC
- 11:30 AM - 12:00 PM** **User Presentation 8**
GSU Transformer Energization Study
Presenter: Dr. Zhongxia Zhang, Dominion Energy
- 12:00 PM - 1:00 PM** **Lunch Break and Networking**
- 1:00 PM - 1:30 PM** Frequency Scanning Tool Sneak Peak
Presenter: John Liu, MHI
- 1:30 PM - 1:45 PM** Open Discussion – User Suggestions
- 1:45 PM - 2:00 PM** Closing Remarks and End of Meeting