2024
JUNE 11-14

USERS GROUP CONFERENCE

	Tuesday 06/11	Wednesday 06/12	Thursday 06/13	Friday 06/14
8:30	**Opening of Conference & Introduction of Attendees - Meeting Instructions** *Dennis Kastsianok, SR3 Engineering*	**Novel Electromagnetic Device for Remote Grounding Conductor Detection and Diagnosis** *François Grange, SES Europe*	**AC Interference Process by a Utility** *Kurt Bell, POWER Engineers*	**Calculations of Resistive Power Losses in Metallic Materials Exposed to Magnetic Fields** *Yuhan Wu, Hydro Québec*
	Treasurer Report *Chance Baker, Burns & McDonnell*	**Driven Rod Method for Determining Soil Structure Models** *Fariba Jafari and Farid Paul Dawalibi, SES*	**AC Interference Modeling via GIS** *Andrea Helmig, SR3 Engineering*	**Magnetic Shielding in HIFREQ** *Parisa Dehkhoda, SES*
	Approval of Minutes, etc.	**Validation of the Vertical Soil Model in MultiFields** *Hadi Behnamian, SES*		**Curve Fitting Magnetization (B-H) Data for Approximating Non-Linear Permeability of Ferromagnetic Materials** *Mohammad Shafieipour, SES*
	Best Practices for Battery Energy Storage Facility Earthing Analysis *Lucas Cook, NEI Engineering*	**SESLibrary New Databases and Enhancements** *Julien Gauthier, SES*	**Design Considerations for Co-Locating PV Farms Near Pipelines** *Giancarlo Leone, SR3 Engineering*	**Workshop/Wishlist**

	Break			

	Tuesday	Wednesday	Thursday	Friday
	Modeling Tunnel Boring Underneath an Existing Substation *Donald Del Rosario, PG&E*	**New Features and Improvements in SESConverter** *Eric Dawalibi, SES*	**Improvements to Right-of-Way Pro** *Luis Valcárcel, SES*	**Workshop/Wishlist**
		Improvements in SESPlotViewer *Luis Valcárcel, SES*	**Improvements in SESCircuitSimulator** *Julien Gauthier, SES*	
	Major Lightning Outage Assessment *Patrick Coombe, ElectroNet*	**Progress in the Implementation of Plates in MultiGroundZ** *Alexandre Juneau Fecteau, SES*	**Computing the T-Equivalent Zero-Sequence Impedances of Y-Y-Δ and Auto-Y-Δ Transformers from Test Data** *Mohammad Shafieipour, SES*	
		Improvements in Cable Model in TRALIN and HIFREQ *Amir Akbari, SES*	**Wideband Modeling of Power Transformers in HIFREQ/SESTransient** *Mohammad Shafieipour, SES*	
11:50	**Substation Grounding Study Example** *Nur Umar, SR3 Engineering*	**Introducing Cables in MultiGroundZ** *Philippe Pouliot, SES*		

	Lunch			

	Tuesday	Wednesday	Thursday	Friday
13:30	**Improvements in SES Software/Wishlist** *SES R&D Team*	**The Parallel Regions Soil Model in MultiGroundZ** *Philippe Pouliot, SES*	**Computation of Sequence Components Using HIFREQ** *Peter Zhao, SES*	**Morning Sessions** EDT: 8:30 AM - 11:50 AM PST: 4:30 AM - 7:50 AM
		IEEE 80 and 81 Update Talk Roundtable	~~**Telluric Current and its Effect on Pipeline Cathodic Protection** *Deepak Mankar, Fluor*~~	
			Analysis of Corrosion Effects due to Stray Currents from DC Electrified Railways *Yexu Li, SES*	**Afternoon Sessions** EDT: 13:30 PM - 16:30 PM PST: 9:30 AM - 12:30 PM
	Improvements in SES Software Latest Technologies *Frédéric Grégoire, SES*		**Multi-Zone Shielding in SESShield-3D** *Christian Voyer, SES*	**Virtual Presentation**

	Break			

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	Techniques to Reduce the Number of Segments in a Computer Simulation Model *Maxime Daigle, SES*	**Integrating FCDIST in MALZ** *Christian Voyer, SES*	**Workshop/Wishlist**	
16:30	**Workshop/Wishlist**	**Workshop/Wishlist**		
	Welcome Cocktail	**Welcome Dinner**		

(left margin) **MORNING SESSIONS** — **AFTERNOON SESSIONS**