

Sunday, April 17

5:00 -
Closing

Technology Exhibition
Welcome Reception

During the conference the Technology Exhibition will be open from 8:00 am until closing

Day 1 - Monday, April 18

Time	Topic / Chair	Salon B & C
7:30		Full American Breakfast - Foyer
9:00	Introduction	Welcome Goals of ETAP User Conference CEO Keynote: The Future of Power System Technologies
10:00		Networking and Technology Exhibition
10:30	Arc Flash John Francis	Arc Flash - from Field Test to Empirical Method Wei-Jen Lee, Energy Systems Research Center - University of Texas at Arlington Comparative Study of DC Arc Flash Analysis Methods in ETAP Antony Parsons, Schneider Electric Slavko Vasilic, Schneider Electric NFPA 70E Key Changes Daleep Mohla - DCM Electrical Consulting Services
12:30		Lunch and Technology Exhibition
2:00	Protection Shervin Shokooh	Protection & Coordination System Case Study using ETAP Subbaiah Pasupulati, Delta Testing Services The Necessity and Challenges of Modeling Microprocessor Based Thermal Overload Functions for Device Protection Karl Smith, ABB Sajal Jain, ETAP Automated Protection & Coordination Evaluation Pirooz Barkhordar, ETAP
3:30		Networking and Technology Exhibition
4:00	Safety Panel Discussion Albert Marroquin	Electrical Safety: Arc Flash & System Protection Daleep Mohla - DCM Electrical Consulting Services Wei-Jen Lee, PhD, University of Texas at Arlington Antony Parsons, PhD, Schneider Electric Pirooz Barkhordar, ETAP
5:30		Networking and Conference Reception

Day 2 - Tuesday, April 19

Time	Topic / Chair	Track I - Salon B	Topic / Chair	Track II - Salon C
8:00		Full American Breakfast - Foyer		
9:00	Switching Management Victor Andrade	A Language for Intelligent Switching Sequences Giuseppe Parise, IEEE Fellow - Sapienza of Rome University Open-Phase Simulation in a Nuclear Generation Plant Mark Bowman, TVA Tamatha Womack, TVA Switching Sequence Management (SSM) Farrokh Shokooh, ETAP	Data Exchange Panel Discussion Ali Halmi	Data Exchange with ETAP Platform Patrick Holcomb, Intergraph PP&M Niek Brasa, Hexagon S&I Dexter Williams, PSCAD Julien de Beer, AVEVA Emmanuel Rutovic, EMTP-RV
10:30		Networking and Technology Exhibition		
11:00	ADMS Tanuj Khandelwal	Advanced Distribution Management System - ETAP Grid™ Tanuj Khandelwal, ETAP Unified Model Approach for Power System Design & Protection to Advanced Distribution Management System Sajjad Rizvi, Deux Project Limited Acclimation of Traditional Utility to Smart Utility Praveen Kumar Goyal, Noida Power Co. Ltd. Hossain Shaikh, ETAP	System Grounding Haijun Liu	Ground Grid System Analysis Salman Kahrobaee, ETAP Modeling Large Grounding Grids AKM Haque, ELK Engineering Associates Understanding NEC and IEC in the matter of bonding and grounding of low-voltage power systems Massimo Mitolo, ESI
12:30		Lunch and Technology Exhibition		
2:00	eSCADA Microgrid Derek Dean	The Future of Power Systems: Microgrid Solutions and business case examples for energy strategies for the 21st century Chris Evanich, S&C Electric Analytical Studies for Active Distribution Systems with DG and BESS using ETAP Saeed Kamalinia, S&C Electric eSCADA implementation at Data Center Facility Brian Polaski, Rovisys	Protection Focus Group Shervin Shokooh	Technical User Forums by ETAP Master Designers Protective Device Coordination - Star & Star-Auto Evaluation Distance Relay Protection & Coordination - StarZ
3:30		Networking and Technology Exhibition		
4:00	Load Shedding "Industrial" Systems Frank Kling	Fast & Intelligent Load Shedding - ETAP ILS™ Frank Kling, ETAP Hugo Castro, ETAP Fast Bus Transfer Analysis Sandhya Madan, MPR Design and Implementation of ETAP Load Shedding System at Hyundai Steel Plant Dong-Whan Oh, Hyundai Steel	Safety Focus Group Albert Marroquin	Technical User Forums by ETAP Master Designers Protective Earthing / Grounding Conductor & Electrical Shock Calculation Arc Flash Analysis
5:30		Networking and Technology Exhibition		
6:30 - Closing	Social	ETAP 30th Anniversary Dinner Party - Garden Pavillion		

Day 3 - Tutorials - Wednesday, April 20

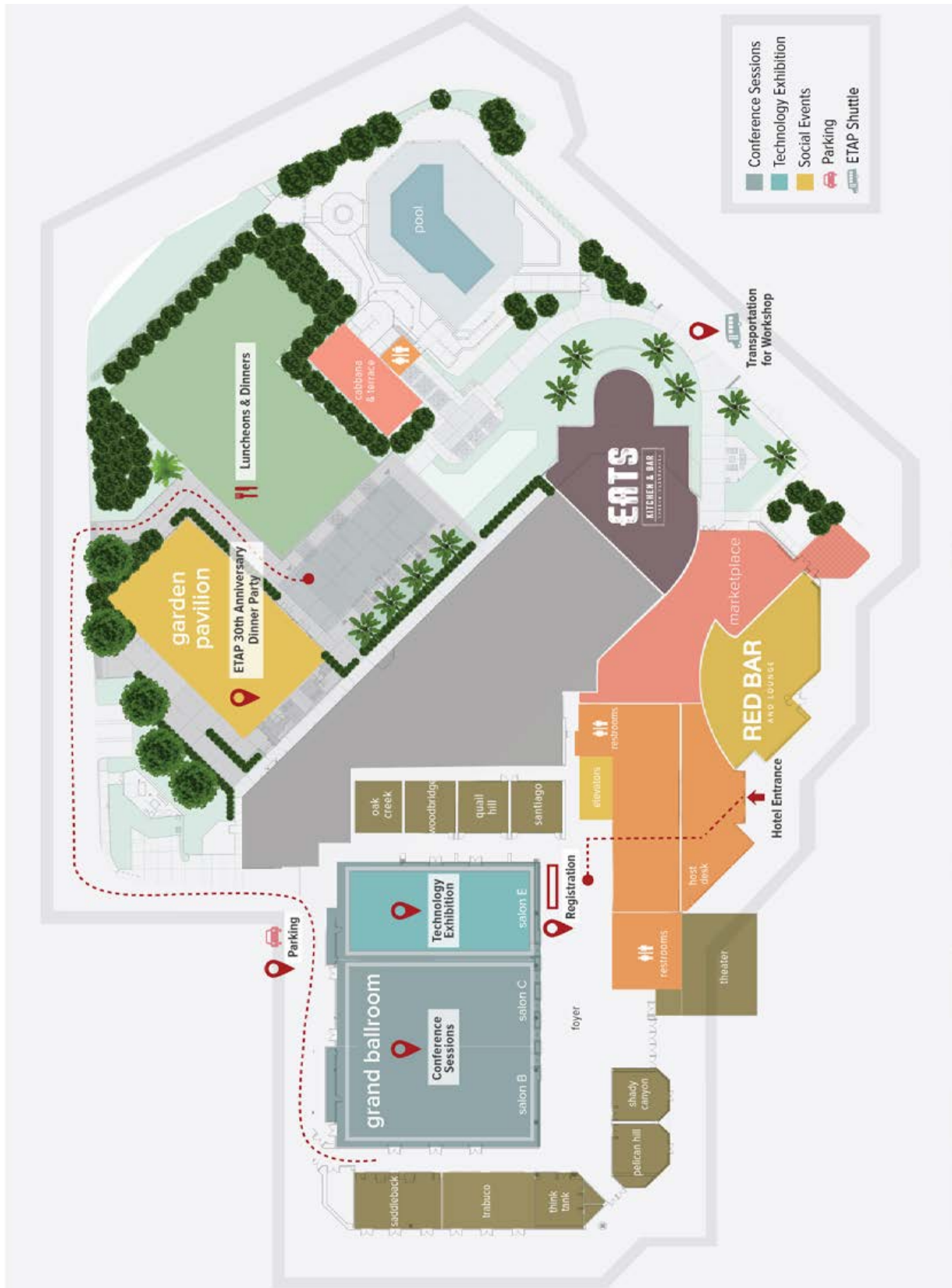
Time	Topic / Chair	Track I - Salon B	Topic / Chair	Track II - Salon C
8:00	Full American Breakfast - Foyer			
9:00	General	Tips & Tricks of ETAP software	eTraX 1	AC/DC Railway Systems Simulation
10:30	Networking and Technology Exhibition			
11:00	Academia	ETAP Academia User Group	eTraX 2	Railway Systems Operation
12:30	Lunch and Technology Exhibition			
1:30	Safety	DC Arc Flash in PV systems using Double Iterative Method	ADMS 1	Fault Location, Isolation, & Service Restoration - FLISR
3:00	Networking and Technology Exhibition			
3:30-5:00	Dynamics	Control System Design and Tuning with User-Defined Dynamic Models	ADMS 2	Load Allocation Volt-Var Optimization (VVO)

Workshop - Thursday, April 21

ETAP 351 - Protection & Safety: Arc Flash, Device Protection & Coordination

ETAP Learning Center - Irvine, California

9:00	Star Auto-Evaluation: Automated Protection & Coordination Evaluation			
	<ul style="list-style-type: none"> • Star - Coordination & Protection Module • Sequence-of-Operation • Zones of Protection • Rule Book for Protection & Coordination Evaluation • Equipment Protection • Protective Device Coordination • Condition Messages • Tabular and Graphical Results • Reports • Scenario & Study Wizards 			
12:00	Lunch			
1:00 - 4:00	Arc Flash Hazard Analysis			
	<ul style="list-style-type: none"> • AC & DC Arc Flash Concept & Overview • Calculation Methods (NFPA 70E and IEEE 1584) • Data Requirements • PPE Requirements • Parameter Settings / Adjustments • Effects of Short Circuit and Protection / Coordination • Reports / Alerts • Result Analyzer • Arc Flash Labels • Exercise 			



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