2017 PLS-CADD Advanced Training and User Group Meeting ${\sf June~6^{th}-8^{th},2017}$

Monona Terrace Convention Center, Madison, Wisconsin

		Tuesday	Wednesday	Thursday
		Welcome and	Update on Computer Hardware and Operating	What's New in PLS-CADD
	10:00 AM	What's New with PLS	System Recommendations	(Continued)
		Steven Weber / Otto Lynch	Erik Jacobsen	Staff of
		Power Line Systems	Power Line Systems	Power Line Systems
		Full-scale testing of 230kV FRP poles	Tower Earle Systems	r ower Late Systems
		Christian Bonilla &	Vegetation Work Sites	Using XML for External Tasks
8:30 AM		Shawn Van-Hoek Patterson	Brandon "Groot" Grillon	Kurt Traub
		BC Hydro &	Power Line Systems	Ampirical
		RS Technologies Inc.		
			Taking PLS-CADD into the Real World	Construction Management with PLS-CADE
			David Enns	and Google Earth
		Advanced Finite Element Modeling	W.I.R.E. Services	Kurt Traub
		Jesse Kohler		Ampirical
		Power Line Systems	Automated Bill of Material and Construction	Unique Structures
		Tower Lane Systems	Prints	Kurt Traub
			Johnny Doll	
			LG&E and KU	Ampirical
10:00 AM	10:20 AM	Break	Break	Break
	12:00 PM		Use of PLS TOWER for Inspection & Evaluation	Using XML to get a Structure Coordinates
10:20 AM		Update on Cable Updates	of a 500kV Line	Report for Multiple PLS-CADD Projects
		Otto Lynch	Doug Dodson	George Watson
		Power Line Systems	Custom Engineering Solutions	Centerpoint Energy
		Electrifying News!	Custom Engineering Solutions	Tubular Steel Pole Baseplate Design
		Nathan Brazy		George Watson
		Power Line Systems	What's New in PLS-POLE	Centerpoint Energy
		,	Staff of	, 3,
		Drafting Update	Power Line Systems	More Advanced FE Topics
		Nathan Brazy / Shelby Suski		Staff of
		Power Line Systems		Power Line Systems
12:00 PM	1:00 PM	Lunch Provided by PLS	Lunch Provided by PLS	Lunch Provided by PLS
			1 Tovided by 1 Es	1 To vided by 1 Es
		Í		
		IEEE 738-2012	What's New in TOWER	Why is My Structure Failing?
		Í	What's New in TOWER	Why is My Structure Failing?
		IEEE 738-2012	Erik Jacobsen	Jesse Kohler
		IEEE 738-2012 Radial Cond. Temperature Impact on Ratings		
		IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge	Erik Jacobsen	Jesse Kohler Power Line Systems
1:00 PM	2:30 PM	IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge	Erik Jacobsen Power Line Systems	Jesse Kohler Power Line Systems
1:00 PM	2:30 PM	IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS-	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI
1:00 PM	2:30 PM	IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI from Beginning to End Otto Lynch
1:00 PM	2:30 PM	IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems
1:00 PM	2:30 PM	IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI
1:00 PM	2:30 PM	IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite.	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards
1:00 PM	2:30 PM	IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch
		IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems
1:00 PM	2:30 PM 2:50 PM	IEEE 738-2012 Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch
		Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems
		Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems
		Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems
		Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems
		Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service "May the wind be always at your back":	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon Power Line Systems	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems Break
2:30 PM	2:50 PM	Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service "May the wind be always at your back": PLS-CADD meets the opportunities and	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon Power Line Systems Structure Group Usage	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems Break Roundtable Discussion
		Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service "May the wind be always at your back": PLS-CADD meets the opportunities and challenges of wind energy in Ireland	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon Power Line Systems Structure Group Usage Brandon Grillon	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADI from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems Break Roundtable Discussion Staff of
2:30 PM	2:50 PM	Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service "May the wind be always at your back": PLS-CADD meets the opportunities and	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon Power Line Systems Structure Group Usage	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems Break Roundtable Discussion
2:30 PM	2:50 PM	Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service "May the wind be always at your back": PLS-CADD meets the opportunities and challenges of wind energy in Ireland	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon Power Line Systems Structure Group Usage Brandon Grillon	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems Break Roundtable Discussion Staff of
2:30 PM	2:50 PM	Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service "May the wind be always at your back": PLS-CADD meets the opportunities and challenges of wind energy in Ireland Oisin Armstrong	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon Power Line Systems Structure Group Usage Brandon Grillon	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems Break Roundtable Discussion Staff of
2:30 PM	2:50 PM	Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service "May the wind be always at your back": PLS-CADD meets the opportunities and challenges of wind energy in Ireland Oisin Armstrong ESBI	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon Power Line Systems Structure Group Usage Brandon Grillon Power Line Systems	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems Break Roundtable Discussion Staff of
2:30 PM	2:50 PM	Radial Cond. Temperature Impact on Ratings Robert Kluge Fomerly of ATC What's New in PLS-CADD Staff of Power Line Systems Break Site-specific Wind Speeds and Ice Accretion Values for the State of Arizona Ralphie Adams Arizona Public Service "May the wind be always at your back": PLS-CADD meets the opportunities and challenges of wind energy in Ireland Oisin Armstrong ESBI Advances in Reporting	Erik Jacobsen Power Line Systems Transmission Line Optimisation with PLS- CADD Paul Richardson Network Mapping Creation of M1 Structures from PLS-POLE Models using PLS-CADD Lite. Brandon Grillon Power Line Systems Break File Management Brandon Grillon Power Line Systems Structure Group Usage Brandon Grillon Power Line Systems What's Jumping	Jesse Kohler Power Line Systems Designing a Distribution Line in PLS-CADE from Beginning to End Otto Lynch Power Line Systems Update on ASCE, NESC, and ANSI Codes and Standards Otto Lynch Power Line Systems Break Roundtable Discussion Staff of

Receptions

5:00 PM - 7:00 PM Tuesday Night Lakeside Reception at Monona Terrace sponsored by PLS Wednesday Night Lakeside Reception at Monona Terrace sponsored by PLS 5:00 PM - 7:00 PM

