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ILLINOIS GEO-INSTITUTE – NOVEMBER 2023 DINNER MEETING Geo-Institute Cross-USA Lecture Tour 2023-2024

DLACE	D ?		
PLACE:	Pazzo's at 311		
	311 S Wacker Dr., Chicago, IL 60606 ((312) 913-1600)		
	(Parking is loca	\$13.00 after 5:00 PM)	
DATE & TIME:	November 8, 2023 Cocktails 5:15 pm, Dinner 6:15 pm, Presentation to follow		
SPEAKERS:	Dr. Kyle Rollins, BYU		
COST:	 \$65 General (Contractor, Consultant with reservation) \$55 Education/Government Employees (with reservation) \$0 Students (with reservation) (If paying with check, make checks payable to ASCE IL Geo-Institute) 		
ONLINE	Copy the complete link below to your browser:		
REGISTRATION:	http://events.constantcontact.com/register/event?llr=5vbor5kab&oeidk=a07ek28y		
	qpk634e415e		
	(1.0 PDH will be provided to all attendees)		
CONTACT:	Email:	asceilgeotech@gmail.com	
	Phone:	Jason Buenker	jason.buenker@shanwil.com
		Thierno Kane	tkane@geosyntec.com
		Mark Abtahi	abtahima@cdmsmith.com

<u>Abstract</u>: Lateral load behavior of pile groups based on full-scale field tests.

About the Speaker: Kyle Rollins received his BS degree from Brigham Young University and his Ph.D. from the University of California at Berkeley. After working as a geotechnical consultant, he joined the Civil Engineering faculty at BYU in 1987, following his father who was previously a geotechnical professor. He has supervised more than 130 graduate students and published over 190 papers.

His research has involved liquefaction assessment of gravels, lateral resistance of piles and pile groups, passive resistance of bridge abutments, lightweight cellular concrete for retaining structures, and various soil improvement techniques. His studies typically include full-scale testing to determine "ground truth" behavior. With an apparent love for high energy environments, Prof. Rollins studied dynamic compaction for treating collapsible soils. He pioneered the use of blast-induced liquefaction to evaluate lateral pile resistance and downdrag in liquefied sand. He also used a Statnamic "rocket sled" to evaluate the



dynamic resistance of pile groups and drilled shafts. Prof. Rollins was the chair of the Geo-Institute technical committee on soil improvement, and ASCE has recognized his work with the Huber research award, the Wellington prize, and the Wallace Hayward Baker award. In 2009, he was the Cross-Canada Geotechnical lecturer for the Canadian Geotechnical Society. More recently, he received the Utah Governor's medal for science and technology and the Osterberg Innovation Award from the Deep Foundation Institute.

