



Sociedad Mexicana de Ingeniería Geotécnica, AC
Mesa Directiva 2023 - 2024

6th

INTERNATIONAL SYMPOSIUM ON DEEP FOUNDATIONS AND SOIL IMPROVEMENT



AUDITORIUM "ENRIQUE VALENZUELA"
COLLEGE OF CIVIL ENGINEERS OF MEXICO



A SPACE CREATED TO PROMOTE TECHNICAL DEVELOPMENT AND
SHARE EXPERIENCES IN THE DESIGN AND CONSTRUCTION OF
DEEP FOUNDATIONS AT AN INTERNATIONAL LEVEL

**OCTOBER
19TH AND
20TH, 2023**

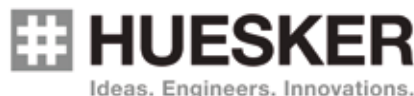


6^o SIMPOSIO INTERNACIONAL DE CIMENTACIONES PROFUNDAS Y MEJORAMIENTO DE SUELOS

Expositores



GUIDELINEGEO ABEM MALÅ



Patrocinadores



INVITATION

The Mexican Society for Geotechnical Engineering, the Deep Foundations Institute and the Geo Institute are pleased to invite you to their **6th International Symposium on Deep Foundations and Soil Improvement**, a space created to promote technical development and share internationally experiences in the design and construction of deep foundations.

The event will feature technical sessions (in which domestic and foreign speakers will participate). The symposium is aimed to geotechnical engineers, contractors, project managers, manufacturers, suppliers, consultants, academics, students, users and in general, all those interested in deep foundations.

GENERAL TOPICS:

SESSION 1

Deep foundations.



SESSION 2

Excavations and retaining systems.



SESSION 3

Soil improvement.



SESSION 4

Workshop consultants and constructors.



SESSION 5

Workshop women in engineering.



MASTER LECTURES:

- Excavaciones y sistemas de contención.
- Mejoramiento de suelos.



MASTER LECTURES:

GROUND IMPROVEMENT FOR MITIGATION OF LIQUEFACTION HAZARDS



Keynote lecturer
Kyle Rollins



Conference language: **Spanish**

SEMBLANCE:




KYLE M. ROLLINS, Full-time professor in the department of Civil Engineering at Brigham Young University, Provo, UT-USA.

Ph.D. from the University of California-Berkeley, where he presented the following dissertation "The influence of Structures on Potential Liquefaction Damage".

Specialist researcher in Geotechnical Engineering with more than 220 technical articles focused on the mitigation of liquefaction phenomenon and soil improvement. Among his main achievements in research topics are:

- Foundation Engineering.
- Earthquake Engineering.
- Soil improvement.



He has collaborated as a researcher at the University of California-Berkeley and at the Soil Mechanics Laboratory at Rollins, Brown and Gunnell, Inc.

Member of the following technical societies:

- American Society of Civil Engineers.
- TRB Committee on Seismic Design and Performance of Bridges – AFF50.
- TRB Subcommittee on Geoseismic Issues in Bridge Design.
- Editorial Board Member of Ground Improvement Journal, Institute of Civil Engineers (UK).
- Geotechnical Extreme Engineering Reconnaissance (GEER) association – Post earthquake team member for earthquakes in Costa Rica, Japan, Chile & Ecuador.
- International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE).
- Technical Associate of ADSC: The Intl. Assoc. of Foundation Drilling-Invited speaker at national professor training seminar.
- Earthquake Engineering Research Institute (EERI) – BYU Student Chapter Advisor 2002-2014, 2020.
- Technical Associate PDCA: Pile Driving Contractors Association – The time invited speaker at national professor training seminar.
- Universities Council on Geotechnical Engineering Research (USUGGER).
Prizes and awards:
- ASCE Geo-Institute Cross-USA speaker for 2023-2024.
- Invited-Speaker at 2 Croatian Conf. on Earthquake Engineering, 2023.
- Keynote Speaker for 1st Intl. Webinar series on Geotechnical Earthquake Engineering, IIT-Roorkee.
- State-of-the-Art Speaker on liquefaction mitigation for ASCE Geo-Congress, 2022.
- 45th Northwest Geotechnical Workshop (FHWA), Best Technical Presentation, 2021.
- Hussein Professorship, BYU Civil & Environ. Engng. Department, 2018-2022.
- Wallace Hayward Baker Award, Geo-Institute of ASCE, 2018.

MASTER LECTURES:

STATE OF THE ART IN CAISSON AND PRE-EXCAVATED ROCK PILES



Keynote lecturer
Sebastian Lobo-Guerrero

SEBASTIAN
LOBO | GUERRERO
Ph.D | P.E. D.GE.
GEOTECH



Conference language: **Spanish**

SEMBLANCE:



SEBASTIAN LOBO!GUERRERO, Geotechnical project manager and Laboratory Manager at American Geotechnical & Environmental Services (AGES), in Pittsburgh PA, USA.

- Professor University of Pittsburgh.
- 21 years of professional experience in the Geotechnical field.
- He was Director of the Pittsburgh Geotechnical Society. He was director of Society American Civil Engineers of that city.
- Member of the Anchored Systems Committee for Retention Structures lands of the Deep Foundations Institute (DFI).
- DFI Annual Conference Director 2020 and 2022.
- Over 150 articles in geotechnical journals, conferences, and design manuals worldwide.
- Member of the board of directors of the ASCE Academy of Geo-Professionals.
- Main recognitions: "2022 DFI President's Award", "2021 Lifetime Achievement Award" and "2020 Pittsburgh Civil Engineer of the Year" awarded by the American Society of Civil Engineers (ASCE), "2016 "Reviewer of the Year" and "2006 Best Paper on Numerical Modeling" awarded by the Geo-Institute.

MASTER LECTURES:

GEOTECHNICAL CHALLENGES FOR THE CONSTRUCTION OF THE SECOND NIGER BRIDGE IN AFRICA, USING THE SYSTEM COLUMNS JACKETED IN GEOSYNTHETIC

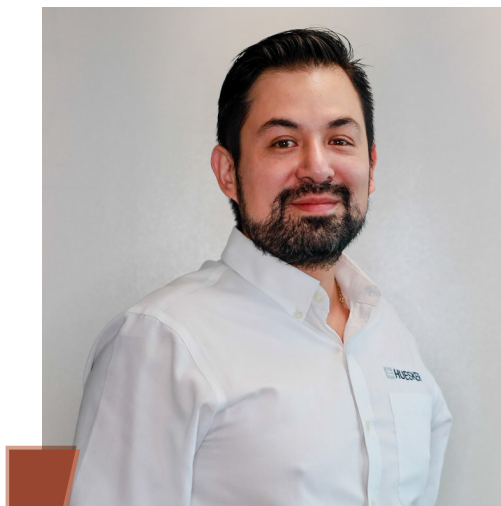


Keynote lecturer
Carlos M. Rodríguez



Conference language: **Spanish**

SEMBLANCE:



CARLOS M. RODRIGUEZ, Civil Engineer, MSc, MIC. civil engineer with more than 12 years of professional experience in different phases of geotechnical engineering applied to multiple industries, such as hydropower, oil and gas throughout the American continent. He has two master's degrees in geotechnical engineering, focused on the treatment and re-use of mining waste and the reaction of deep foundations (Drilled Shafts) when subjected to torsion loads and simultaneous overturning.

Author of technical publications with public and private entities in the United States, among which, among others, its participation with the department Environmental Research and Education Agency (EREF) and the Department of Transportation of North Carolina (NCDOT), both for its acronym in English. multiple participant technical congresses as speaker and author of scientific articles.

He currently works as a principal engineer in the technical department of the company HUESKER Inc., in Charlotte, North Carolina, where its main function technical support to professionals from different industries in the implementation of geosynthetics in large-scale projects.



DEADLINES

Reception of Abstracts:

June 30th, 2023

Acceptance/rejection of
abstracts:

July 15th, 2023

Reception of papers

September 22nd, 2023



SUBMISSION OF
ABSTRACTS:
www.sidismig.org.mx



Abstract format:
(See link to download format)

ORGANIZING COMMITTEE

SMIG:

Walter I. Paniagua Zavala
Daniel Martínez Oviedo
Norma Patricia López Acosta
Ricardo Enrique Ortiz Hermosillo
Mariana Gómez Pérez
Roberto Avelar Cajiga

DFI:

Matthew Glisson
Theresa Engler



COMMERCIAL EXPO 2023

The Mexican Society for Geotechnical Engineering extends a kind invitation to the entire geotechnical and related community, to be part of the exhibition where there will be the participation of manufacturers, suppliers, consultants and institutions related to deep foundations and massive improvement in soft soils.

As part of the exhibition, there will be construction equipment, field exploration, materials, products, tools and training software; In the same way, there will be the participation of institutions and agencies such as the Deep Foundations Institute (DFI), among others.

BOOTH FEES

EARLY BIRD FEE

\$35,000.00
MEXICAN PESO
(+ TAX)

LATE FEE

\$40,000.00
MEXICAN PESO
(+ TAX)



Prompt payment date
July 31st, 2023



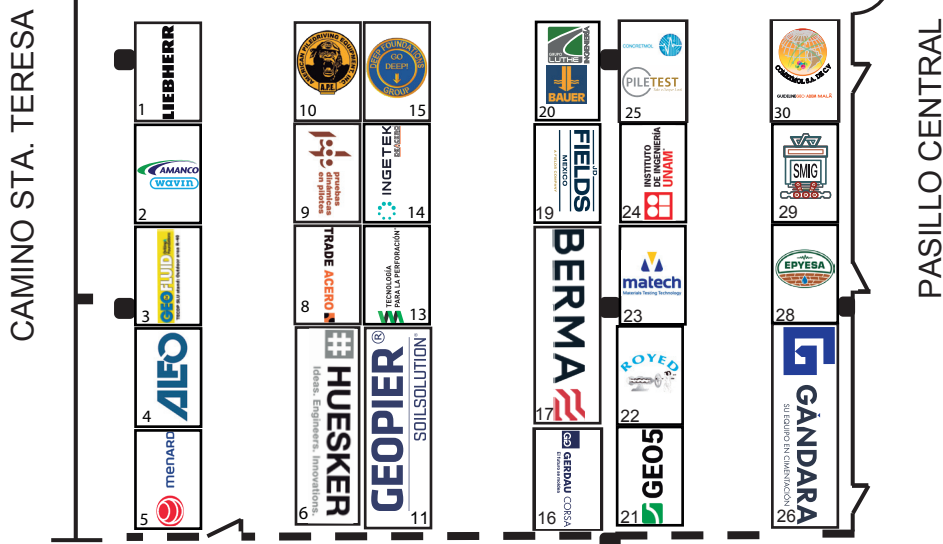
Booth Measures:

3.00 m front and 2.00 m deep, black vinyl sign with the exhibitor's trade name, lamp lighting, triple contact for 110-volt power outlet.

EXPO 2023

30 stands de
3x2 mts

SALÓN DE EXPOSICIONES



Para contratación de stands, contactar a:

Leticia Bernal | lety.bernal@ecodsa.com.mx | 55 55992860 ext. 121

PATROCINADORES DEL COCTEL DE BIENVENIDA

GRUPO
SANDSTORM
GAM

 **Pilotec**

PROGRAM

October 19th, 2023

Start time	End time	Length	Activity	Speaker	Country
8:00:00 a. m.	9:55:00 a. m.	95 min	Opening and Master Lecture I		
8:00:00 a. m.	8:20:00 a. m.	20 min	Sign up		
8:20:00 a. m.	8:35:00 a. m.	15 min	Opening	Organizing Committee: Ricardo Ortiz Hermsillo Walter Iván Paniagua Zavala Daniel Martínez Oviedo	Mexico
8:35:00 a. m.	9:25:00 a. m.	50 min	Master Lecture I: State of the Art in Caisson and Pre-Excavated rock piles	Sebastian Lobo-Guerrero	USA
9:25:00 a. m.	9:35:00 a. m.	10 min	Questions and answers		
9:35:00 a. m.	9:55:00 a. m.	20 min	Break		
9:55:00 a. m.	11:55:00 a. m.	120 min	Deep foundations, part 1		
12:15:00 p. m.	2:15:00 p. m.	120 min	Deep foundations, part 2		
2:15:00 p. m.	3:15:00 p. m.	60 min	Meal		
3:15:00 p. m.	5:25:00 p. m.	130 min	Excavation and containment systems		
5:25:00 p. m.	5:45:00 p. m.	20 min	Break		
5:45:00 p. m.	7:45:00 p. m.	120 min	Workshop I		
7:45:00 p. m.	8:45:00 p. m.	60 min	Welcome cocktail		

October 20th, 2023

Start time	End time	Length	Activity	Speaker	Country
9:00:00 a. m.	11:20:00 a. m.	140 min	Soil Improvement, part 1		
11:20:00 a. m.	11:40:00 a. m.	20 min	Break		
11:40:00 a. m.	12:40:00 p. m.	60 min	Master Lecture II:		
11:40:00 a. m.	12:30:00 p. m.	50 min	Master Lecture II: Ground improvement for liquefaction mitigation	Kyle M. Rollins	USA
12:30:00 p. m.	12:40:00 p. m.	10 min	Questions and answers		
12:40:00 p. m.	1:00:00 p. m.	20 min	Break		
1:00:00 p. m.	2:00:00 p. m.	60 min	Master Lecture III:		
1:00:00 p. m.	1:50:00 p. m.	50 min	Master Lecture III: Geotechnical Challenges for the construction of the second Niger Bridge in Africa, using the system columns jacketed in geosynthetic	Carlos M. Rodríguez	USA
1:50:00 p. m.	2:00:00 p. m.	10 min	Questions and answers		
2:00:00 p. m.	3:00:00 p. m.	60 min	Meal		
3:00:00 p. m.	4:30:00 p. m.	90 min	Soil Improvement, part 2		
4:30:00 p. m.	4:50:00 p. m.	20 min	Break		
4:50:00 p. m.	6:30:00 p. m.	15 min	Workshop II		
6:30:00 p. m.	6:45:00 p. m.	15 min	Closure	Organizing Committee: Ricardo Ortiz Hermsillo Walter Iván Paniagua Zavala Daniel Martínez Oviedo	Mexico

FEES

6° SICPYMS	Early Bird Fee	Fee after August 1st 2023
Member	260 USD	295 USD
Non-member	295 USD	320 USD

* Applies for SMIG, DFI and GI members

REGISTRATION

1.- Make the wire transfer using the following data:

Bank: JP Morgan Chase Bank

Bank ABA: 021000021

Swift code: INBUMXMM

Bank account: 400475464

CLABE code: 036180500140368177

Name: Sociedad Mexicana de Ingeniería Geotécnica, A.C.

2.-Go to the registration website: <https://sidismig.smig.org.mx>

3.-Upload the voucher payment and wait for email confirmation. If you do not receive an email confirmation within two working days, please contact to: contact@smig.org.mx

4.-In the registration website you can use alternative payment methods, with credit card: Mastercard, Visa and American Express.

5.-Print your email confirmation, during the event go to the registration desk, where you will receive your badge.

HOTELS NEAR THE EVENT COLLEGE OF CIVIL ENGINEERS OF MEXICO

TO CHECK THE INFORMATION CLICK
IN THE FOLLOWING LINK:

www.smig.org.mx/archivos/eventos-smig-2023/hoteles-cercanos-6sicp-en.pdf