

COSTS

Students: \$250.00 MX

Students with valid ID or receipt payment for this period.

Socios SMIG: \$500 MXN

General: \$1,000.00 MX



league of payment:

INFORMATION

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**3rd INTERNATIONAL
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AUTONOMOUS UNIVERSITY OF QUERÉTARO

**MEXICAN SOCIETY OF
GEOTECHNICAL ENGINEERING,
65TH ANNIVERSARY**

**20/21
OCTOBER
ONLINE
EVENT 2022**



UNIVERSIDAD AUTÓNOMA DE QUERÉTARO
FACULTAD DE INGENIERÍA



CUERPO ACADÉMICO
DE SUELOS



Sociedad Mexicana de
Ingeniería Geotécnica, A.C.



**F1 FACULTAD
DE INGENIERÍA**

PROGRAM

THURSDAY, OCTOBER 20, 2022

HOUR	SPEAKER
09:30 - 11:00	Laureano Hoyos, University of Texas, Arlington, USA.
11:00 - 12:30	Hiram Arroyo, Universidad de Guanajuato, México
	Various
	Lucas Defalco Marcomini Brazil

FRIDAY, OCTOBER 21, 2022

HOUR	SPEAKER
09:00 - 10:30	Paul Simms, Carleton University, Ottawa, Canada.
10:30 - 12:00	John McCartney University of California, San Diego, USA.
	Various
	Oscar Escamilla, México.



LUCAS D. MARCOMINI

Graduated with a Civil Engineering degree from the Centro Universitario Padre Anchieta – Jundiá. He currently is studying a Masters in Structures and Geotechnical Engineering in the Universidad Estadual de Campinas, UNICAMP.

He is part of the Latin-American Technical Department of Maccaferri, where he works in the research and technical support for rock fall and slope cover solutions.



PAUL SIMMS

He obtained his Ph.D. at Western Ontario University. He is a professor in Environmental Engineering at the Department of Civil and Environmental Engineering at Carleton University, Ottawa, Canada.

His research topics cover mine waste management; thickened tailings disposal on surface and as mine backfill; fundamental unsaturated soil mechanics; evolution of soil microstructure due to drying. He is responsible for the courses of Waste Management, Contaminant Hydrogeology, Design Project, Resource Industry Waste Management at Carleton University, Ottawa. Achievements of note include the Colloquium award of the Canadian Geotechnical Society, and the accompanying review paper in the Canadian Geotechnical Journal "Geotechnical and Geoenvironmental behaviour of high density tailings", and the highly cited review paper co-authored with Enrique Romero "Microstructure Investigation in Unsaturated Soils: A Review with Special Attention to Contribution of Mercury Intrusion Porosimetry and Environmental Scanning Electron Microscopy". In 2011 he received the Research Achievement Award at Carleton University



JOHN McCARTNEY

John S. McCartney is a Professor in the Department of Structural Engineering at the University of California San Diego, specializing in Geotechnical and Geoenvironmental Engineering. His research interests include unsaturated soil mechanics, geosynthetics engineering, and energy geotechnics. He has received several research awards, including the Walter L. Huber Research Prize from ASCE in 2016, the Arthur Casagrande Professional Development Award from ASCE in 2013, the J. James R. Croes medal from ASCE in 2012, the 2019 R.M. Quigley award from CGS in 2020, the DFI Young Professor Award in 2012, the NSF Faculty Early Development (CAREER) Award in 2011, and the IGS and Young IGS Awards from the International Geosynthetics Society in 2018 and 2008, respectively. His teaching efforts were recognized by the 2012 Shamsheer Prakash Prize for Excellence in Teaching of Geotechnical Engineering and the 2018 Outstanding Faculty Advisor from ASCE Region 9. For his service on ASTM Committee D18 on Soil and Rock, he received the President's Leadership Award in 2013 and the Richard S. Ladd D18 Standards Development Award in 2011. He is currently the chair of the ASCE Geoinstitute Committee on Unsaturated Soils and the Past-President of the North American Chapter of the International Geosynthetics Society (IGS-NA). He is an editor of ASCE Journal of Geotechnical and Geoenvironmental Engineering (JGGE), an editor of Computers and Geotechnics, an associate editor of Canadian Geotechnical Journal and serves on the editorial boards of ASTM Geotechnical Testing Journal (GTJ), Geosynthetics International, Geomechanics for Energy and the Environment, and the Taiwanese Journal of GeoEngineering. He received BS and MS degrees in Civil Engineering from the University of Colorado Boulder in 2002 and a Ph.D. degree in Civil Engineering from the University of Texas at Austin in 2007.



HIRAM ARROYO

He is a Civil Engineer from the Universidad Michoacana de San Nicolás de Hidalgo, México. He obtained his Master of Science and PhD degrees at the Universidad Autónoma de Querétaro, México where he studied the behavior of unsaturated soils during the phenomenon of collapse upon wetting and its numerical simulation using effective stresses. He made research stays at the University of New South Wales, Australia, and École Polytechnique Fédérale de Lausanne, Switzerland. The last one was made through an Excellence Scholarship on the topic of the tensional strength of unsaturated soils. He is a member of the Sistema Nacional de Investigadores, México, since 2016. He is presently a full-time professor at the School of Engineering in the Universidad de Guanajuato, Mexico, where he teaches the courses Soil Mechanics at the undergraduate level and Behavior of Unsaturated Soils at the postgraduate level. In 2018, he received the "MANUEL GONZÁLEZ FLORES" award from the Mexican Society of Geotechnical Engineering.



LAUREANO HOYOS

He serves as tenured Professor in the Civil Engineering Department of the University of Texas at Arlington. He earned a Bachelor of Science degree in Civil Engineering from the Universidad de la Costa, Barranquilla, Colombia (1989); Master of Science degree from the Universidad del Cauca, Popayán, Colombia (1991); Master of Science degree from the University of Puerto Rico, Mayaguez (1993); Master of Science degree from the Georgia Institute of Technology, Atlanta, Georgia (1996); and Ph.D. degree from the Georgia Institute of Technology, Atlanta, Georgia (1998). Dr. Hoyos is a licensed Professional Engineer in the State of Texas. His research interests are in the areas of experimental and computational geomechanics in unsaturated and problematic soils. He has authored/co-authored over 180 refereed publications among refereed book chapters, journal articles, and geotechnical special publications. He is the recipient of the University of Texas at Arlington's Outstanding Early Career Faculty Award (2003), Outstanding Civil Engineering Instructor Award (2005), Research Excellence Award (2009), and Lockheed Martin Aeronautics Excellence in Teaching Award (2014). He served as chair of the technical committee on Unsaturated Soils of the Geo-Institute of the American Society of Civil Engineers (ASCE), and chair of the steering committee of the Second Pan American Conference on Unsaturated Soils, Dallas, Texas (2017). He recently joined the TC106 Committee on Unsaturated Soils of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE), and currently serves as Editorial Board Member of Environmental Geotechnics (Thomas Telford) and the Geotechnical Testing Journal (ASTM).



OSCAR ESCAMILLA

Oscar Escamilla Cayetano is a Civil Engineering Graduate of the Escuela Superior de Ingeniería y Arquitectura from the Instituto Politécnico Nacional. He has more than 9 years of experience on the fields of Geotechnical, Hydraulics, Roadway Engineering and belongs to the International Geotechnical Society (IGS) in México and other societies. Since 2016 he has worked in Maccaferri México as a geotechnical specialist in important national projects in Energy, Mining and Railways. He also contributes in publication of Technical Articles in National and International Congresses and Technical Magazines.