FRIEDMAN FAMILY VISITING PROFESIONALS PROGRAM

Visit to The University of Memphis: Feb. 17, 2017

This report summarizes the visit of **Dr. Ramin Golesorkhi** from Langan that took place at the University of Memphis on Feb. 16-17, 2017.

ITINERARY OR AGENDA

Thursday, Feb. 16

7:00 PM – 9:00 PM	Dinner with student chapter and faculty at local restaurant

Friday, Feb. 17

TIME:	**ACTIVITY:**
10:00 AM – 11:00 AM	Student Chapter President meets & welcomes Visiting Professional to campus
11:00 AM – 1:00 PM	Guest lecture by Visiting Professional
1:00 PM – 2:00 PM	Lunch
2:00 PM – 4:00 PM	Informal meeting with graduate students for career guidance. In addition, the students present, share and discuss research projects to get insight and feedback from visiting professional.
7:00 PM – 10:00 PM	A tour with students around Memphis. Along with dinner at local restaurant

STUDENT CHAPTER VISIT PLANNING COMMITTEE

LEAD ORGANIZER(S): Mohsen Maniat, President, mmaniat@memphis.edu

- Dr. Shahram Pezeshk, Advisor, spezeshk@memphis.edu
- Dr. Adel Abdelnaby, Co-Advisor, bdelnaby@memphis.edu
- Nima Nazemi, Vice-President, nnazemi@memphis.edu
- Arash Yarahmadi, SDC graduate Coordinator, yrahmadi@memphis.edu
- Farhad Sedaghati, SLC Representative, fsdghati@memphis.edu
- Jalal Kiani, Treasurer, jkiani@memphis.edu
- Ali Farhadi, Secretary, afrahadi@memphis.edu

VISITING PROFESSIONAL LECTURE OVERVIEW

The lecture started with an introduction about EERI. Then, Dr. Golesorkhi had a technical lecture on “Effect of Soil-Structure Interaction on site-specific ground motions”. He shared his experience and knowledge with the participants. At the end there were some discussions and questions about the lecture. Many graduate and undergraduate students, faculty, and engineers from Civil Department, the Center for Earthquake Research and Information (CERI) at the University of Memphis, and many consulting engineers from Memphis participated this event. Photos are attached.

Lecture Abstract

Topic: Effect of Soil-Structure Interaction on site-specific ground motions – A Case History Perspective.

The effect of soil-foundation-structure interaction (SSI) on the site-specific response spectra is presented. These effects are evaluated using non-linear SSI computer program FLAC for three levels of ground shaking. The selection and development of ground motion time series using the concept of Conditional Mean Spectra is also discussed.

Professional Bio

Dr. Golsorkhi is a registered civil (California and New York) and geotechnical engineer (California) he is principal/vice president and director of earthquake engineering services at an over 1000-person geotechnical, environmental, and site civil engineering firm with more than 29 years of experience in seismic analysis and foundation engineering. He received his Bachelor of Science and Master of Science degrees from Tufts University and his PhD from the University of California, Berkeley. Dr. Golesorkhi directs the development of seismic and geotechnical/foundation design criteria appropriate for industrial, residential, private and government office buildings, hospitals and healthcare facilities, bridges, elevated freeways and viaducts, base isolated structures, tunnels, and seismic strengthening of existing structures. His experience stretches throughout the United States, South America, Southeast Asia, India and the Middle East.

SUPPLEMENTAL ACTIVITES

Dinner with The University of Memphis EERI Student chapter two EERI faculty advisors at local restaurant - Sponsored by the Department of Civil Engineering at the University of Memphis.

At this activity, students had this opportunity to discuss some of their activities at the University of Memphis. The faculty and graduate students discussed their research. Photos are attached.

Informal meeting

At this meeting, graduate students discussed their concerns and future career with Dr. Golesorkhi, and they benefited greatly from Dr. Golesorkhi's experience. Snacks and beverages were served. Photos are attached.

A tour with students around Memphis

Dr. Golesorkhi and students went on a tour around Memphis mid-town and down-town area. They enjoyed friendly conversations and having a meal with Dr. Golesorkhi at some of the local restaurants. They visited several Memphis attractions and had a memorable time.

RESULTS, FEEDBACK AND LESSONS LEARNED

The visit was very successful. All students and Faculty enjoyed the event. We got wonderful feedback from engineers and students about the main lecture. Everything went smoothly and according to the plan.

ACKNOWLEDGEMENTS

EERI Student Chapter at the University of Memphis gratefully acknowledges the support of the Friedman Family for sponsoring the travel of Dr. Ramin Golesorkhi through their Friedman Family Visiting Professional Program endowment. We like to acknowledge the Center for Earthquake Research and Information (CERI) at the University of Memphis for allowing us to use their seminar room for the presentation. Special thanks to Herff College of Engineering for supporting the lunch. Also, thanks to the Department of Civil Engineering for supporting the event and dinners.


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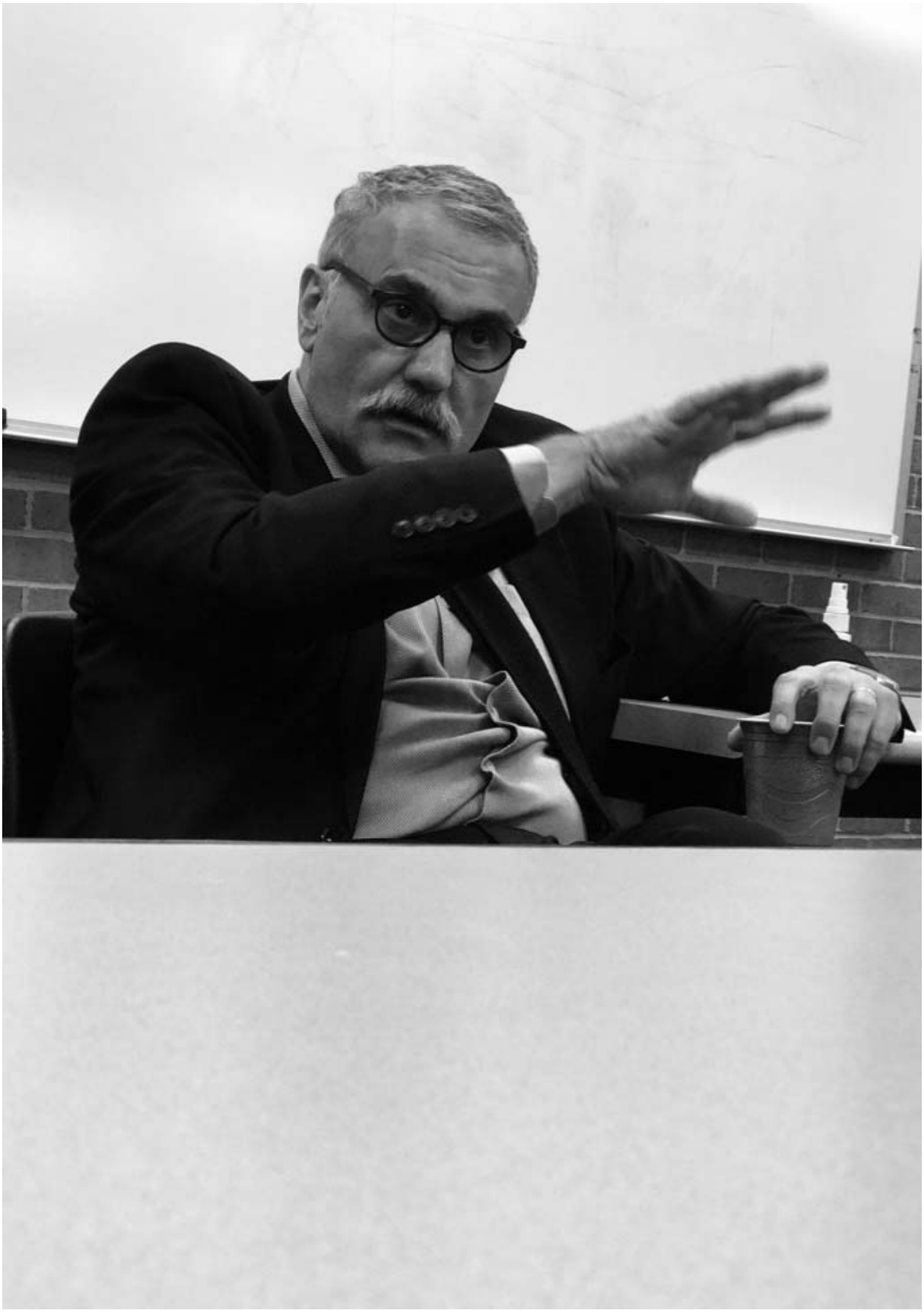

EERI

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The EERI Student Chapter at UofM Presents
EERI Talk, Spring 2017
Effect of Soil-Structure Interaction on site-specific ground motions
A Case History Perspective
By Dr. Ramin Golesorkhi

A registered civil (California and New York) and geotechnical engineer (California). He is principal/vice president and director of earthquake engineering services at an over 1000-person geotechnical, environmental,and site civil engineering firm with more than 29 years of experience in seismic analysis and foundation engineering. He received his Bachelor of Science and Master of Science degrees from Tufts University and his PhD from the University of California, Berkeley. Dr. Golesorkhi directs the development of seismic and geotechnical/ foundation design criteria appropriate for industrial, residential, private and government office buildings, hospitals and healthcare facilities, bridges, elevated freeways andviaducts, base isolated structures, tunnels, and seismic strengthening of existing structures. His experience stretches throughout the United States, South America, Southeast Asia, India and the Middle East.

Where: CERI seminar room at 3892 Central Ave.
When: Friday, Feb. 17, 11:30 AM to 13:30 PM
We offer 1.5 PDH hours to Attendees

To RSVP, Send a request to nnazemi@memphis.edu