



**ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE**

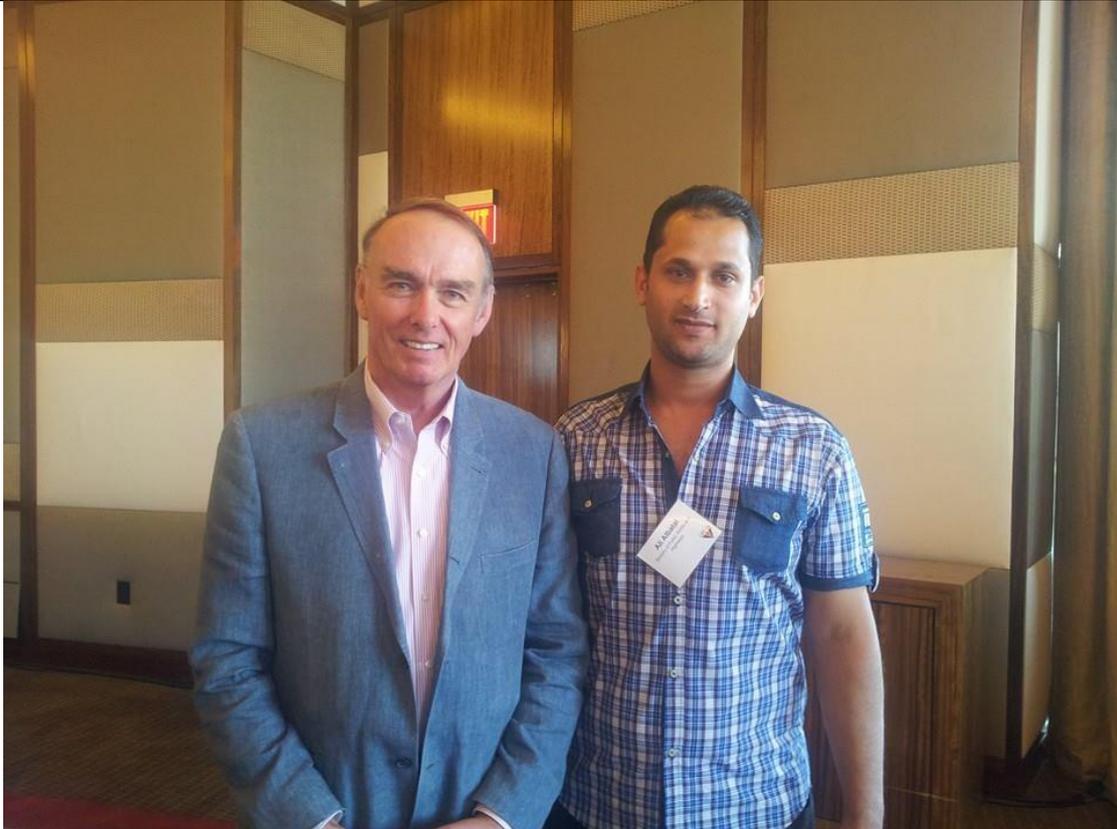
Your Name: Ali Hefdhallah Albatal	Your Organization: Cairo University	Date of report: 17/05/2014
Conference Title: 3rd International Symposium on Cone Penetration Testing	Location of Conference: Las Vegas, Nevada, USA	Dates of Conference: May 12-14, 2014
What you learned: Actually even I have participated in this symposium by a paper about Cone Penetration Test (CPT), I discovered that my knowledge about this test is not great. The using of CPT test is growing day after day. this is combined with improving the test equipments, relationships and correlation. I have learned how to use the test row data in determining the soil properties and how to predict the soil liquefaction potential using simple correlations.		
People you met: I have met many Geotechnical professionals. On one hand, I have met a new geotechnical engineers such as Andy Barwise from UK, Philip from New Zealand, Murad from Jordan who works in Louisiana Transportation research center, Majid from Iran who is working in New Hampshire and others from Australia, Japan, Norway and USA. On the other hand, I have met some of the most famous geotechnical expertise in the world such as Michele Jamiolkowski, Paul Mayne, Rainer Massarsch, Peter Robertson and many other professors who I was and still dreaming about working with them.		
Main features of conference: There were mainly five sessions, the first session is about equipments and procedures. In this session there were many presentations about innovational methods to improve the CPT to be use on more applications. The second session was about data interpretation. The third session was about CPT applications. The most important thing that I learned in this session is about using CPT test to predict the soil liquefaction behaviour. The fourth session started by general overview about CPT since 1974 and contains a lecture in honour of J.K. Mitchel by Michele Jamiolkowski. The final session was the poster session. In the poster session, many participants show summary of their papers in poster and we shared conversation about each other posters.		
Your comments on the conference: The conference committee had made a lot efforts on organizing this successful conference. There was about 136 papers categorized into 3 main groups (equipments and procedures, data interpretation and applications). I think that the conference was well organized and the organization committee deserved to be appreciated.		
Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin: Attending conferences and symposiums is very important for improving engineers knowledge and to keep them aware about what are the breakthroughs, new theories or even a modifications in the existing theories. The cone penetration test is relatively new test comparing to standard penetration test (SPT), but the use of CPT and its applications is increasing day by day. In the symposium first session there were many presentations about innovational methods to improve the CPT to be use on more applications. For example, Dr. Nina Stark illustrated a new method to		

perform CPT offshore, and especially for shallow depths were the CPT trucks cannot be used neither an offshore vessel . The second session was about data interpretation. In this session Dr. Paul Mayne gave a keynote lecture. In this lecture Dr. Mayne showed a huge amount of correlations. Actually I am impressive from Dr. Mayne work. He showed that CPT test can be used as a replacement for the SPT test and most of the laboratory tests to identify the soil type and determining the soil properties for most of the soil types. The third session was about CPT applications. The most important thing that I learned in this session is about using CPT test to predict the soil liquefaction behaviour. In his keynote lecture about Christchurch earthquake in New Zealand, 2011, Dr. Jonathan Bray showed the method of prediction the soil liquefaction behaviour and compared it to the actual liquefaction zones in Christchurch. The method shows that he presented has been proven to have almost perfect way to identify the liquefied soils.

Photographs from Conference:



With (Michele Jamiolkowski, Antonio Viana da Fonseca, Rainer Massarsch, and Marawan Shahien)



(The CPT'14 Chairman Peter Roberston and Ali Albatal)



(Andy Barwise and Ali Albatal)



(Philip Coeck and Ali Albatal)



(Ali Albatal and Majid Ghayoomi)