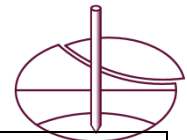


**ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE**

Your Name: <i>Oleksandr Samorodov</i>	Your Organization: <i>Kharkiv National University of Civil Engineering and Architecture, Kharkiv, Ukraine</i>	Date of report: <i>05 October 2022</i>
Conference Title: <i>The 11th International Stress Waves Conference</i>	Location of Conference: <i>Venue: De Doelen, Rotterdam, Netherlands</i>	Dates of Conference: <i>20 - 23 September 2022</i>
What you learned: Since I mainly tested soils using various types of piles to determine their bearing capacity by dynamic load testing (DLT / PDA) with the involvement of the exclusive representative of Allnamics (Netherlands). Therefore, I was interested in this particular type of test and the interpretation of the results. However, it was also interesting to learn about new dynamic test methods, for example, a rapid load testing (RLT).		
People you met: I have met and talked to many scientists from different countries. A few of them are listed below: Mr. Peter Middendorp Dr. Marcel Bielefeld Prof. C. Fernández Tadeo Mr. Martijn van Delft Mr. Rob van Dorp		
Main features of conference: The entertaining and unforgettable «Demonstration Day» was held 23 September on the Maasvlakte in the Port of Rotterdam which is part of the 11th International Conference on Stress Wave Theory and Design and Testing Methods for Deep Foundations. On this day we made the connection between the theory as presented and discussed on previous conference days and practice of Pile Installation and Pile Testing in the field.		
Your comments on the conference: The conference was organized at the highest level. A very successful combination of keynote lectures and parallel sections with coffee breaks and lunch breaks made it possible to comfortably absorb information, get acquainted with exhibition and presentation materials of international geotechnical organizations and enjoy communication with colleagues over a cup of Dutch coffee.		



Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin:

The 11th International Stress Waves Conference was held in Rotterdam, Netherlands. The Conference was attended about 200 scientists and specialists from different countries of wide world. The main Conference themes were:

- 1) Stress Wave mechanics applied to pile engineering, like signal matching, driveability prediction, rapid load test prediction and other stress wave simulation applications.
- 2) Load Testing (including high strain dynamic testing, rapid load testing, axial compression, tension, and bidirectional load testing, lateral testing) for piles installed insitu or driven by vibratory or impact driving or other methods.
- 3) Quality assurance of driven and drilled deep foundations, low strain integrity testing, cross hole sonic logging, thermal profiling, etc.
- 4) Soil-pile interaction during pile installation and during (dynamic, rapid or static) testing, the effect of installation methods, static resistance to driving vs long-term static soil resistance.
- 5) Case studies of installed deep foundations: design, execution and testing.

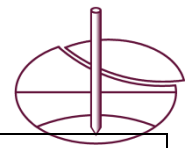
For me It was most interesting to hear keynote lecture of leading specialist Peter Middendorp «More than 80 Years of Experience with the Methods of Characteristics - from Graphical Analysis to Driveability Automation by Scripts».

A very successful combination of keynote lectures and parallel sections with coffee breaks and lunch breaks made it possible to comfortably absorb information, get acquainted with exhibition and presentation materials of international geotechnical organizations and enjoy communication with colleagues over a cup of Dutch coffee.

The entertaining and unforgettable «Demonstration Day» was held 23 September on the Maasvlakte in the Port of Rotterdam which is part of the 11th International Conference on Stress Wave Theory and Design and Testing Methods for Deep Foundations. On this day we made the connection between the theory as presented and discussed on previous conference days and practice of Pile Installation and Pile Testing in the field.

And of course, the friendly dinner on the cruise boat «Spido» in the vicinity and the port of Rotterdam left the vivid impressions.

I would like to thank the ISSMGE Foundation for the financial support to participate in this amazing and essential conference.



Photographs from Conference: Insert here or attach to email



