



ISSMGE TC 211 GROUND IMPROVEMENT NEWSLETTER n°8, June 2014

Dear reader,

In this 8th Newsletter we provide some information concerning the recent and upcoming activities of the TC211. But first we can confirm that the new management of the TC211 has been proposed to the TOC Chair and has been endorsed: Noël Huybrechts has been appointed as the new Chair of TC 211 "Ground Improvement". The BGGG/GBMS (Belgian Society of the ISSMGE) will thus host the TC211. Serge Varaksin will act as vice-Chairman of the TC211 and Nicolas Denies as Secretary.

In this Newsletter, the reader will find some information concerning the following topics:

- The nomination of the new TC members by the Member Societies,
- The definition of the new terms of reference of the TC211 for the period 2013-2017,
- The Workshop "ISSMGE-TC211" to be held in Edinburgh (September, 2015),
- The recent and upcoming events and activities related to the TC211,
- The announcement of the IS-GI 2016 to be held in Brussels (Spring, 2016).

1. Nomination of the new TC members for the period 2013-2017

According to the recent decisions of the ISSMGE, the TC membership for the period 2013-2017 has to be determined. The Member Societies of ISSMGE need to nominate (or to confirm) 2 national delegates for the TC. **It is demanded to the Member Societies to communicate this information preferably as soon as possible but before 30 September 2014 to the TC Secretary, Nicolas Denies: nde@bbri.be.** Besides, the chairmen of the TC211 will nominate four additional members. The list of the new TC members should then be communicated to the TOC Chair.

2. Definition of the new terms of reference of the TC211 – period 2013-2017

In the course of a meeting recently held in May, the board of the TC has defined the new terms of reference of the TC211. These terms are presented hereunder:

1. **Complete and reorganize the TC 211 website (www.tc211.be)**
2. **Continue the issue of a quarterly newsletter**
3. **Participate by dedicated workshops in the international conferences inviting TC members to contribute to the knowledge and develop the themes addressed (XVI ECSMGE Edinburgh 2015,...)**
4. **Introduce as principal theme: "Design, Quality Control and Quality Assurance for ground improvement works"**
5. **Organize the IS-GI 2016 with the theme:**
"GROUND IMPROVEMENT works: recent advances in R&D, design and QC/QA"



3. Organization of the Workshop TC211 in Edinburgh (September 15, 2015)

At the occasion of the XVI European Conference on Soil Mechanics and Geotechnical Engineering, which will be held in September 2015 in Edinburgh (<http://xvi-ecsmge-2015.org.uk/>), the TC211 will organize a workshop dedicated to the ground improvement works. **This workshop will be held on Tuesday 15 September 2015 in the afternoon at the conference venue.**

The Workshop will be entitled: “*Progress in QC/QA for GROUND IMPROVEMENT works*”.

The Workshop will be followed by a short meeting of the TC members.

Further details (program details, hour and room) will follow later.

4. Recent and upcoming activities and events related to the TC 211

In May of this year, the **DFI-EFFC International Conference on Piling & Deep Foundations** has been held in Stockholm (<http://dfi-effc2014.org/>). At this occasion, a Technical Session co-chaired by Noël Huybrechts was dedicated to the Deep Mixing Method with a Keynote Lecture presented by Michal Topolnicki and two presentations of TC members: Nicolas Denies on the realization of real-scale tests performed on soil mix elements and Masaki Kitazume on the applicability of wet grab sampling to quality assurance of the Deep Mixing method.

In May, Serge Varaksin presented a paper entitled “*The Thin Line between Deep Foundations and Soil Improvement*” at the occasion of the **International Conference “Integrated Use and Protection of underground spaces”** held in the Perm Region in Russia (<http://www.mi-perm.ru/information/conference/icecave>). This paper is available on the website of the TC211: www.tc211.be.

In June, Serge Varaksin will participate to the **International Conference on Soil-Structure Interaction: Underground Structures and Retaining Walls**, which is organized by the ISSMGE TC 207 and takes place in Saint Petersburg (June 16-18, 2014: <http://www.tc207ssi.org/>). At this occasion, a technical paper of the TC members Babak Hamidi & Serge Varaksin entitled: “*Analysis of soil-structure interaction by Ménard pressuremeter tests and ground improvement case histories*” will be presented. This paper is available on the website of the TC211: www.tc211.be.



TC 211

Hereunder the reader will find some information related to three upcoming events related to the TC activities which will take place next year.

As a result of the partnership between the ADSC, the DFI, the G-I Institute of ASCE and the PDCA, the **IFCEE 2015, the International Foundations Congress and Equipment Expo** will include presentations of reviewed technical papers, panel discussions and debates, indoor exhibits, an outdoor equipment exposition, educational short courses, technical committee meetings, and networking with industry leaders (<http://www.ifcee2015.com/>). The Congress will be held in San Antonio (March 17-21, 2015).

Serge Varaksin will be the Chairman of the Scientific Committee of **the International Symposium ISP-7 Pressio 2015** which will be held at the occasion of the 16th African Conference on Soil Mechanics and Geotechnical Engineering in Tunisia (Tunis, May 1-2, 2015). See <http://www.cramsg2015.org/> for more information.

It is still time to present abstracts (**extended deadline for TC211 members: 30/6/2014**). Please send by e-mail your abstract submission to the following address: ISP7_scientific@cramsg2015.org



We cordially invite you to submit abstracts for papers to **Deep Mixing 2015**, an international conference on deep mixing organized by the DFI and to be held in San Francisco (June 2-5, 2015). **Abstracts can be submitted at www.dm2015submissions.org by July 14, 2014.** This conference will be co-chaired by George Filz and Masaki Kitazume (<http://www.dfi.org/dfievents.asp>). Noel Huybrechts and Nicolas Denies are both members of the International Advisory Committee.

5. Organization of a new International Symposium on Ground Improvement – IS-GI 2016

Last but not least we inform you of the organization of a new

International Symposium on Ground Improvement IS-GI Brussels 2016

with the following theme:

***“GROUND IMPROVEMENT works:
Recent advances in R&D, design and QC/QA”***

The Symposium will be held in Brussels (**Spring, 2016**).

At this occasion a new **Louis Ménéard Lecture** will be given.

Additional information will follow.