

**CPT'18
Delft**

IGS News

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CPT'18 Conference - Delft

an excellent conference - technically & socially

A good crowd of Aussies attended the CPT-18 Conference in Delft, the birthplace of CPT – a notably high percentage of the total attendees. From IGS, Allan McConnell attended. New Zealand was also very well represented.

The photo below shows some of the Aussies and some of the Kiwis – it was simply not possible to get them all together, so some have missed out. (can you pick Allan out?).



Overall there were more than 250 delegates from many countries. The world's leading experts in Site Characterisation attended, presented and contributed in various ways.

There were three excellent keynote lectures (one by Aussie, Mark Randolph), and a total of 101 technical papers covering almost every conceivable aspect.

The papers are available on-line for free from the conference web site <http://www.cpt18.org/>. A table of contents is attached to this newsletter to whet your appetite.

some key things we learned

- CPT has been around in one form or another for 70+ years, yet the technology is still being refined, analytical methods are still evolving, and experts are still arguing about many aspects. There are everlasting discussions on better ways to measure ground properties - and at CPT'18 there was much discussion about sleeve friction – whoops this was also the case at CPT'14.
- No tool is perfect, and CPT, while great, is no exception to this. Like all geotechnical tools it is important to calibrate to high standards and to test as well as possible; but if possible one should use more than one technique (not just CPT); and, if important, to determine correlation factors such as N_{kt} site-by-site by high quality sampling and laboratory testing, and possibly by other in situ techniques.
- Universally, in situ testing contractors and academics remain enthusiastic “inventors and developers” - new things are evolving all over the place – it's exciting to see this. It was also exciting to attend manufacturers' trade shows and catch up on the excellent work these guys are doing to make things better for us all.

There is no doubt that quality site characterisation leads to quality geo-engineering - hence our unequivocal support of CPT'18.

reducing geotechnical uncertainty

PROCEEDINGS OF THE 4TH INTERNATIONAL SYMPOSIUM ON CONE PENETRATION TESTING
(CPT'18), DELFT, THE NETHERLANDS, 21–22 JUNE 2018

Cone Penetration Testing 2018

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CRC Press

Taylor & Francis Group

Boca Raton London New York Leiden

CRC Press is an imprint of the
Taylor & Francis Group, an **informa** business

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Cover image courtesy of Fugro © 2018

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Typeset by V Publishing Solutions Pvt Ltd., Chennai, India

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The full papers of Cone Penetration Testing 2018 are available online via open access:
<https://www.taylorandfrancis.com/>.

Published by: CRC Press/Balkema
Schipholweg 107C, 2316 XC Leiden, The Netherlands
e-mail: Pub.NL@taylorandfrancis.com
www.crcpress.com – www.taylorandfrancis.com

ISBN: 978-1-138-58449-5 (Hardback + USB)
ISBN: 978-0-429-50598-0 (eBook)

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