

WORKSHOP: RECENT ADVANCES IN TUNNELLING INDUCED DAMAGE TO MASONRY STRUCTURES

18th April 2016 2pm – 5.30pm

Institution of Civil Engineers, Smeaton Room, 1 Great George Street, London



Speakers

Prof Harvey Burd University of Oxford

Numerical models for the assessment of tunnel-induced settlement damage to masonry facades

Mr Michael Devriendt Arup

Optimising building impact assessments for major underground infrastructure projects

Dr Giorgia Giardina University of Cambridge

The response of surface structures to tunnelling in sand:
A numerical investigation

Dr Mandy Korff Deltares

Response of piled buildings in the Amsterdam Subway Deep Station Construction – ups and downs

Mr Stefan Ritter University of Cambridge

The response of surface structures to tunnelling in sand:
An experimental investigation

PANEL DISCUSSION

Chairmen

Dr Matthew DeJong University of Cambridge

Prof Lord Robert Mair University of Cambridge