

Crossrail Technical Papers Competition 2017

Guidelines for authors

1. Format

Max length 5000 words. Please prepare your main text using Microsoft Word with Italic and bold fonts for nomenclature. Please include the following information on page 1:

- Title
- Full names and qualifications of the authors
- Position or affiliation of the authors
- A summary (abstract) of approximately 300 words. This should cover the objectives and conclusions of the paper. It should not include references, abbreviations or mentions of figures. A list of notations, defining all of any symbols used.

2. Style

Please be consistent in style throughout, especially if different authors have contributed sections. Please make your text as short and concise as possible, excluding anything that is not directly relevant to the subject. The text should be in UK English, in the third person and should be readily understandable by a technically competent person. Please avoid unnecessary use of the masculine gender where it is not required. Spelling should follow the first spelling in the latest edition of the Concise Oxford Dictionary, however 's' spellings rather than 'z' spellings are preferred. Please avoid colloquialisms. Values and units should be separated by a space e.g. 20 kN, not 20kN. Use bullet points rather than numbers or letters for lists.

Please do not refer to the names of individuals, organisations, products or services unless it is essential to understanding your submission. You should not be gratuitously complimentary or in any way derogatory about any person or organisation either directly or implied.

Your submission should be illustrated with graphs, photographs and/or drawings. To ensure these illustrations are suitable for publication they should each be submitted as individual, high quality files separately from your text. Photographs should be a minimum of 300dpi at a 10cm width, while line drawings should be of 600dpi or greater. Files should be uploaded in the format that they were originally created in. Please make sure all graphs, photographs or drawings are legible and clear when reproduced in greyscale as the Crossrail Technical Papers book is published in black and white.

A template that provides information on the requisite text, heading and layout can be found on the next page:

[INSERT BLANK LINE IN “TITLE OF PAPER” STYLE]

INSERT TITLE OF PAPER HERE

Name of first author, affiliation, city, country

Name of first author, affiliation, city, country

Abstract

Use paper text style (11pt Arial). The abstract should be long enough that it is meaningful to readers, but not too long. It certainly should not extend on to the second page.

Notation

Insert symbols and notation here.

First-Level Section Heading

Use paper text style (11pt Arial).

Second-level heading

Use paper text style (11pt Arial)

Third-level heading

Use paper text style (11pt Arial)

Guidance on format

This section contains guidance on the formatting of the paper. Please use the styles available within the template.

Paragraphs

Leave one line space between paragraphs.

References to equations and figure

References to figures should be made with the word Figure capitalised e.g. see Figure 1.

References to equations should be made with the word Equation capitalised e.g. it follows from Equation (1) that

Equations

Equations should be numbered sequentially (1), (2), with the number positioned on the right hand side of the page. Equations should be centred. e.g.

An elemental length of the plated beam is shown in Figure 3. Considering equilibrium of the plate element,

$$\tau b = \frac{d\sigma_2}{dx} A_2 \quad (1)$$

Differentiating Eqn. 4 and substituting Eqn. 3 gives,

$$\frac{d^2\sigma_2}{dx^2} = \frac{G_A b}{A_2 t_A} (\varepsilon_2 - \varepsilon_1) \quad (2)$$

Figures

Figures should be centred on the page and captioned.

Figures should be included within the body of the paper rather than at the end.

Figures can be submitted in colour but must also be clear and legible in greyscale to assist later book publication.



Figure Caption: e.g. Figure 1. Tunnel deterioration

Continue paper text...

Acknowledgements

Be sure to include acknowledgement to those who have contributed to the work and relevant BSi committees etc.

References

References should be numbers and referred to in the text by the reference number using superscript^{[1],[2]}. They should use the “reference” style

- [1] Kofoed, V.O, Montgomery, J and Gardiner, K.D. (2006). *Identifying Leakage Paths in Earthen Embankments*. Proceedings of 14th Conference of the British Dam Society – Thomas Telford Ltd
- [2] Quayle, T (2006) *Manchester’s Water – The Reservoirs in the Hills*. Tempus.
- [3] Quayle, T (editor) *The Bateman Reports 1846 to 1865* – Unpublished.
- [4] Bateman, J.F La Trobe (1884) *History and Description of the Manchester Waterworks* - Spon