

## FBI2016 FULL-LENGTH PAPER FORMAT

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This document describes the format for the full-length paper to be presented at the 28<sup>th</sup> Forum Bauinformatik (FBI2016), Leibniz Universität Hannover, 19.-21. September 2015. It is our goal to maintain a reasonable degree of consistency between papers in the final proceedings/product. This document has been created in the required format. It can therefore be used as a template by simply typing over the existing contents of the file. The template is made available in the conference website under the item “Infos für Autoren”.

*Keywords:* Dynamics; shock; blast; impact; transient & multibody dynamics.

### Introduction

The full-length papers will be assembled in digital format, which will be published in the conference proceedings. Full papers should not exceed a maximum of 12 pages. The submission of full-length and final (camera ready) papers will be handled electronically. Please use the on-line submission option provided by the conftool at <https://www.tool-forum-bauinformatik.de/> to submit your full-length paper.

Authors using the template provided for L<sup>A</sup>T<sub>E</sub>X can use the option “german” when specifying the document class which will set all important keywords (Figure, Table, etc.) to German.

### The Main Text and Important Considerations of the Paper

The text is to be typed in 10pt Times New Roman or Palatino, single spaced. Please use A4 size paper. The trim size is 245 mm (height) × 171 mm (width). Text area (includes running title and the footer at the bottom) is 221 mm deep and 132 mm wide. The entire text is in a single column format. Final pagination and insertion of running titles will be done by the publisher. Authors are encouraged to use the style template provided in either L<sup>A</sup>T<sub>E</sub>X or MS-WORD. If you’re not using this template, please ensure the page dimensions are followed accurately.

Full papers submitted for the double-blind peer review are to be left without any identification of the author’s identity or affiliation. This does not only include the author information on the first page but also any mention of e.g. institute names or research projects in the main text. These information may be added to the camera ready copy.

### Format Requirements

It is strongly suggested that the authors use this template provided on the FBI2016 website to process paper writing. Full papers should be submitted electronically in .pdf format. The final

paper (camera ready) should be submitted in a .zip-Archive containing of a pdf-file, the source file(s) (either .doc(x) or all necessary L<sup>A</sup>T<sub>E</sub>X-sources) and all images in a resolution of at least 300 dpi.

If you prefer other word processors without making use of this template, please follow the general instructions given below.

### General Format Requirements

The general format requirements are as follows:

- (1) *Length*: A maximum of 12 pages for full-length paper.
- (2) *Margins*: Top, bottom, and side margins are 2.5 cm.
- (3) *Header (from the 2nd page onwards)*: Please put the title, dates and location of the conference in 10 pt italic Times New Roman (right justified)
- (4) *Title*: Centered on the first page. Use caps in 14 pt bold Times New Roman.
- (5) *Authors/Affiliations/Emails*: Author names are to be centered beneath the title and printed in 12 pt Times New Roman. The author name(s) is/are in the normal type, numbered and followed by an affiliation line (10 pt Times New Roman) in italics, and email address(es) (10 pt Times New Roman) in italics. The affiliations and emails may be repeated as necessary for multiple authors. (Only for the final paper. Leave generic information for double-blind peer review!)
- (6) *Abstract Header*: 10 pt bold capital Times New Roman, with one blank line above and below.
- (7) *Abstract*: A 100-150 words abstract in 10 pt Times New Roman, 12 pt spacing, justified on both margins
- (8) *Keywords*: 10 pt bold Times New Roman, 12 pt spacing, with one blank line above and below.
- (9) *Section Headings*: 12 pt bold Times New Roman, with one blank line above and below.
- (10) *Section Subheadings*: 12 pt italic Times New Roman, with one blank line above.
- (11) *Text Body*: 10 pt Times New Roman, 12 pt spacing, justified on both margins, indentation for the beginning of a paragraph.
- (12) *Figures*: Insert in the text body where is appropriate, with 10 pt Times New Roman caption centered below the figure as shown in the example below. The text content (if any) in the figure should be in Times New Roman font with a minimum font size of 8.
- (13) *Tables*: 10 pt Times New Roman caption centered above the table. The table text is 9 pt Times New Roman, centered, as shown in the example below.
- (14) *Equations*: Centered, with equation number at the right.
- (15) *Units*: SI units are preferred.

- (16) *References*: References should appear at the end of the paper in 10 pt Times New Roman in alphabetical order as shown at the end of this document. Citations in the text of the paper should use authors last names and the year; for example, as presented in the literature (Lunne et al., 1997) or using the methods proposed by Lunne et al. (1997) or according to Phoon & Kulhavy (1999).

#### Format Examples

An example of an equation is shown in Eq. (1) below.

$$\mu(n, t) = \frac{\sum_{i=1}^{\infty} 1(d_i < t, N(d_i) = n)}{\int_{\sigma=0}^t 1(N(\sigma) = n) d\sigma} \quad (1)$$

Examples of figures and tables are given in Figure 1 and Table 1, respectively, as shown below.



Abb. 1. This is the caption for the figure in font 10pt. The short-line caption must be centered, and the long caption can be left justified.

Tabelle 1. This is the caption for this Table in font 9pt. Short line caption must be centered.

| Year | Height of Dam (m) | Width at Base (m) |
|------|-------------------|-------------------|
| 1200 | 10                | 50                |
| 1350 | 15                | 70                |
| 1625 | 17                | 90                |
| 1865 | 25                | 119               |
| 1950 | 30                | 135               |
| 2006 | 39                | 155               |

Source: Sample typeset by RPS for APSSRA12 conference proceedings.

The table captions must be in 9pt Times New Roman. If tables need to extend over to a second page or column, the continuation of the table should be preceded by a caption, e.g. “Table 1 (Continued)”. The text inside tables should be in 9pt. Tables must be anchored to move with the text.

28. *Forum Bauinformatik 2016*  
19.–21. September 2016, Leibniz Universität Hannover

### **Typesetting**

For the final paper, all manuscripts will be processed as how it is submitted considering it as Camera Ready Copy (CRC). No separate proof to authors will be sent after pagination. Hence, please adhere to the type size and the trim size specified in Section 1.

### **Conclusions**

If you have any question regarding these format instructions, please contact the FBI2016 organization team by e-mail ([forum2016@bauinf.uni-hannover.de](mailto:forum2016@bauinf.uni-hannover.de)).

### **References**

- Lunne, T., Robertson, P. K. & Powell J. J. M. (1997). Cone Penetrating Testing In Geotechnical Practice, Taylor & Francis.
- Phoon, K. K. & Kulhawy, F. H. (1999). Characterization of geotechnical variability, Canadian Geotechnical Journal, 36(4), 612–624.