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2 **Explanatory title of the essay in English**

3 *Author: A. Schmitz, T. Müller*

4 **Abstract** Here begins the summary of the essay in English, in which the essential contents of
5 the article are concisely reproduced. The length of the summary includes max. 1200 characters
6 including spaces. Please do not include any references in the summary.

7

8 manuscript text

9

10 **1 Heading of the first chapter**

11 **1.1 General notes on manuscript creation**

12 This is where the text of your publication begins. The construction is up to you. Chapter
13 headings are numbered starting with number 1. A maximum of three heading levels (e.g. 1.1.1)
14 should be provided.

15 Main essays should not exceed eight pages in length in the printed booklet. To do this, your
16 manuscript without images must have a length of approximately 16 pages when using the
17 manuscript template in the word processing program (font size 10 pt, font Times New Roman,
18 double line spacing).

19 The maximum size of the manuscript is 50,000 characters including spaces. This number
20 includes: title, abstract, English title, abstract, body text, subheadings, images, captions, author
21 information and bibliography. An image with a print size of 6.4 cm x 8.5 cm (typical single-
22 column image in landscape format) displaces around 850 characters. The relationship between
23 images and text should be balanced. A maximum of 15 images should be used.

24 *Example: The complete manuscript (consisting of title, abstract, English title, abstract, body*
25 *text, subheadings, captions, table captions, author information and bibliography) for a*
26 *contribution with 15 typical images or tables should contain less than 37,250 characters*
27 *including spaces in the text editing program exhibit.*

28 Do not use bookmarks, automatic numbering (e.g. of pictures, equations and headings) in the
29 text, as well as automatic cross-references (Note: If you do not want to do without automatic

30 cross-references when creating the manuscript, you can remove these before submitting by
31 You mark the whole text (Ctrl + A) and deactivate all hyperlinks (Ctrl + Shift + F9)).
32 If you have any questions, the editors and / or editors are at your disposal.

33 **1.2 Pictures and Tables**

34 Pictures and tables must be submitted as separate files. Each image must be referred to in the
35 text. Use the term "Figure" for this. The first mention in the text must be marked in bold
36 **(Figure 1)**.

37 The print size of the images and graphics must be based on the type area. The images are
38 placed either in one column (8.5 cm) or two columns (17.6 cm, maximum width). The
39 resolution of the image formats must be at least 400 dpi. Please note the height and width of
40 the image / graphic when assessing the resolution. Images and graphics are to be submitted as
41 separate files with a unique name. All images are deposited with a light sand color when they
42 are placed in order to clearly differentiate them from the text (CMYK = 4/6/11/0). When
43 creating the graphics, please make sure that the lines and fill areas differ from this color.
44 Make the image and graphic files available to us only as jpg, tif, pdf, png or eps files. We
45 cannot process the following image files: cdr (corel-draw), ing-cad, dsf, dwg. Please make sure
46 to use the CMYK color mode. If you create graphics in Excel format, please also submit them
47 as Excel files. The best printing results for graphics are achieved with vector graphics. Please
48 submit the original files, especially for photos.

49 Please indicate the image source for each image.

50 The font and size should be chosen uniformly in all drawings and images (e.g. Arial or Open
51 Sans font). The font size should not be less than 8.5 pt in the printed size. Plan extracts should
52 not be too extensive to ensure legibility.

53 Send the images as a compressed file (.zip) in separate mails or via a data exchange server if
54 the amount of data is too large. Email attachments must not be larger than 20 MB (per email).

55 Tables must be submitted for final submission as a separate, editable file with a unique name
56 (.doc, .docx or .xls format).

57 **1.3 Formulas and Equations**

58 Formula symbols and other symbols, especially Greek characters, must match in text, pictures
59 and tables. They are clear and distinctive, if possible to write with a word processing system

60 (e.g. with a formula editor). Use the term “equation” for references. Equation (1) serves as an
61 example:

$$62 \quad a^2 + b^2 = c^2 \quad (1)$$

63 The equations should be numbered consecutively. The symbols used must be explained.

64 **1.4 Literature sources**

65 The literature sources are numbered consecutively in the text [1], [2], [3], etc. and listed in the
66 bibliography according to the order in which they are named. Author names should not be
67 emphasized separately in the text (i.e. no italics, no small capitals or similar). When citing
68 literature, priority is given to sources that are listed in the Science Citation Index Expanded /
69 Web of Science (ISI). This means that listed specialist articles by an author (e.g. an article in a
70 civil engineer) should be quoted instead of a conference contribution or a research report if the
71 content of this is responsible. This ensures that the sources mentioned are easily accessible and
72 that it is not “gray” literature.

73 **Bibliography**

74 The literature used must be mentioned at the end of the article. The authors are responsible for
75 correct citation. Please pay attention to the specifications regarding the writing, the order of the
76 references and the punctuation. A free citation style ("civil engineer") is available online in the
77 Citavi literature management program.

78 Basically, the literature references are based on DIN ISO 690. The following sample examples
79 illustrate this:

80 **Journal article**

- 81 [1] *Naumann, J.*: Brücken und Schwerverkehr – Eine Bestandsaufnahme. *In*:
82 *Bauingenieur* 85 (2010), Heft 1, S. 1–9.
- 83 [2] *Ricker, M.; Geus, J.; Häusler, F.*: Europäische Bemessungsregeln für Hülsenanker. *In*:
84 *Bauingenieur* 90 (2015), Heft 3, S. 129–139.
- 85 [3] *Collins, M.P.; Mitchell, D.; Adebar, P. et al.*: A general shear design method. *In*: *ACI*
86 *Structural Journal*, Vol. 93 (1996), Iss. 1, pp. 36–45.
- 87 [4] *Scholzen, A.; Chudoba, R.; Hegger, J.*: Dünnwandiges Schalentragwerk aus
88 textiltbewehrtem Beton. *In*: *Beton- und Stahlbetonbau* 107 (2012), Heft 11, S. 767-
89 776.

90 [5] *Mari, A.; Cladera, A.; Oller, E. et al.*: Shear design of FRP reinforced concrete beams
91 without transverse reinforcement. *In: Composites Part B: Engineering, Vol. 57 (2014),*
92 pp. 228-241.

93 [6] *Tillmann, M.*: Qualitätvolles Bauen mit Betonfertigteilen. *In: Jahresausgabe VDI-*
94 *Bautechnik 2018/2019 (2019), S. 23-29.*

95 **Books / monographs**

96 [7] *Zilch, K.; Zehetmaier, G.*: Bemessung im konstruktiven Betonbau. Springer-Verlag,
97 Heidelberg, 2010.

98 [8] *Hegger, J.; Mark, P. (Hrsg.)*: Stahlbetonbau aktuell 2015. Beuth Verlag, Berlin, 2015.

99 [9] *Nanni, A.; De Luca, A.; Jawaheri Zadeh, H.*: Reinforced concrete with FRP bars –
100 Mechanics and design. CRC Press, Boca Raton, 2014.

101 **Book chapters / contributions from an anthology**

102 [10] *Schneider, K.-J.*: Vereinfachtes Berechnungsverfahren nach DIN 1053-1. *In:*
103 *Graubner, C.-A.; Rast, R.; Schneider, K.J. (Hrsg.)*: Mauerwerksbau aktuell 2015.
104 Beuth Verlag, Berlin, 2015, S. E-17-E.48.

105 [11] *Müller, H. S.; Wiens, U.*: Beton. *In: Bergmeister, K.; Fingerloos, F.; Wörner, J.D.*
106 *(Hrsg.)*: Beton-Kalender 2018 – Bautenschutz, Brandschutz. Ernst & Sohn, Berlin,
107 2018, S. 1-171.

108 **Conference contributions / contributions in a conference volume**

109 [12] *Schneider, H. N.; Schätzke, C.; Feger, C. et al.*: Modulare Bausysteme aus
110 Textilbeton-Sandwichelementen. *In: Curbach, M.; Jesse, F. (Hrsg.)*: Textilbeton in
111 Theorie und Praxis: Tagungsband zum 4. Kolloquium zu textilbewehrten Tragwerken
112 (CTRS4) und zur 1. Anwendertagung, Dresden, 2009, S. 565-576.

113 [13] *Kromoser, B.; Huber, P.; Preinstorfer, P.*: Experimental study of the shear behaviour
114 of thin walled CFRP reinforced UHPC structures. *In: Foster, S.; Gilbert, I.R.; Mendis,*
115 *P. et al. (ed.)*: Better, Smarter, Stronger. Proceedings for the 2018 fib Congress,
116 Melbourne, 2018, pp. 1744-1750.

117 **Series**

- 118 [14] *Schickert, G.; Winkler, H.*: Versuchsergebnisse zur Festigkeit und Verformung von
119 Beton bei mehraxialer Druckbeanspruchung. Deutscher Ausschuss für Stahlbeton,
120 DAfStb Heft 277, Wilhelm Ernst & Sohn, Berlin, 1977.

121 Theses

- 122 [15] *Pak, D.*: Zu Stahl-Verbundbrücken mit integralen Widerlagern. Aachen, Rheinisch-
123 Westfälische Technische Hochschule, Dissertation, 2012.

124 Online sources

- 125 [16] Words Without Borders: The online magazine for international literature. PEN
126 American Center, 2005, <http://www.wordswithoutborders.org> [Zugriff am:
127 12.07.2006].
- 128 [17] Springer-VDI-Verlag GmbH & Co. KG: Hinweise für Autoren, 2017,
129 http://bauingenieur.de/bauing/hinweise_fuer_autoren.php [Zugriff am: 18.10.2017].

130 Computer software

- 131 [18] Mozilla Foundation: Mozilla Firefox 1.5 [Software]. 29. November 2005,
132 <http://www.firefox.web.com> [Zugriff am: 21.07.2006].
- 133 [19] InfoGraph GmbH: InfoCAD Version 17.00 x64 [Software]. August 2017,
134 <https://www.infograph.de/de> [Zugriff am: 11.09.2017].

135 *Notes: Further examples can be found in DIN ISO 690.*

136 Standards, leaflets, guidelines, approvals

- 137 [20] DIN EN 1993-1-1, Eurocode 3: Bemessung und Konstruktion von Stahlbauten – Teil
138 1-1: Allgemeine Bemessungsregeln und Regeln für den Hochbau. Deutsche Fassung,
139 Ausgabe Juli 2014.
- 140 [21] ASTM Standard C33: Specification for Concrete Aggregates. ASTM International,
141 2003.
- 142 [22] Deutscher Beton- und Bautechnik-Verein: DBV-Merkblatt Parkhäuser und
143 Tiefgaragen, Berlin, 3. überarbeitete Ausgabe Januar 2018.
- 144 [23] Ha-Be Betonchemie GmbH: Allgemeine bauaufsichtliche Zulassung Z-3.73-2073:
145 Polymerfasern "Ha-Be PP-Faser 18 µm FP" und „Ha-Be PP-Faser 15 µm HFP“ für die
146 Verwendung in Beton. Ausgabe September 2014.

147 [24] Deutscher Ausschuss für Stahlbeton: DAfStb-Richtlinie Wasserundurchlässige
148 Bauwerke aus Beton (WU-Richtlinie). Beuth Verlag, Berlin, Ausgabe Dezember
149 2017.

150 *General information: Up to 3 authors are named, all authors are abbreviated to 'et*
151 *al.' if there are more than three. Quotations from accepted but not yet printed*
152 *contributions are possible and must be identified by a trailing [in print]. If an*
153 *organization is the author or editor, this must be named first instead of the authors*
154 *(not in italics).*

155

156 **Author information**

157

158 Author information Author 1:

159 Title, name

160 Company / University

161 address

162 Contact options (email / phone / fax)

163

164 Author information Author 2:

165 Title, name

166 Company / University

167 address

168 Contact options (email / phone / fax)

169

170

171 *This information is supplemented with an author's picture - up to two authors each, one picture,*
172 *from three authors a picture of the main author. The source of the picture must be specified for*
173 *the author's pictures.*

174

175

176 **Image and table captions**

177 **Fig. 1.** Caption in English *Source:*

178 **Table 1.** Table heading in English