EXTENDED abstract TITLE [CALIBRI 14, bold, centred]

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**Keywords**: include up to 5 key words [Calibri size 11, justified alignment].

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ABSTRACT [Calibri, 12-point, bold, justified alignment]

This is the MSWord template for the extended abstracts to be published in the Proceedings of the Third International Conference on Mechanical Models in Structural Engineering. Please, copy it on your computer and insert the text keeping the format and styles indicated. The extended abstract is limited to 2 pages [Calibri, 11-point, justified alignment].

Abstracts should be written in any of the two official languages for the Conference: English and Spanish and should clearly indicate objectives, approach and conclusions.

The extended abstract may include equations, which should be numbered consecutive and written using the formula editor of the used text processor. Formulas should be left aligned in lines and corresponding numerals aligned with the right margin. The way to cite formula numbers in the text should be Eq. (1).The existing space after Eq. (1) should be kept.

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|  | (1) |

The abstract may include figures as well. The figures should be directly pasted into the text, centered, numbered and with a caption below, as Fig. 1 illustrates. The existing space after the caption of Fig.1 should be kept.

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| **Figure 1.** *Experimental and numerical results for crack opening displacements in a [03/90/03/90/03/90/03] 12 K-carbon–ﬁber/epoxy composite plate with an inclined central crack.* |

Tables should be centred in the typing area, numbered and with a title above as Table 1 shows. The font for the title should be Calibri size 11, and for the text inside the table should be Calibri size 10 pt. Table cells should be displayed without padding. Please, keep the existing space after Table 1.

**Table 1**. Mechanical characterization of materials

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| --- | --- | --- |
| **Property** | **Value** | |
| **Brick masonry** | **Mud wall** |
| Apparent density | 1,45 g/cm3 | 2,25 g/cm3 |
| Compressive strength | 40 Kp/cm2 | 25 Kp/cm2 |
| Tensile strength | 2 Kp/cm2 | 3 Kp/cm2 |
| Modulus of Elasticity | 30.000 Kp/cm2 | 12.000 Kp/cm2 |
| Poisson’s Ratio | 0,25 | 0,3 |

The extended abstract may include references. They should be numbered following the order of appearance in the text. The list of references should be included at the end of the abstract [4] and should follow the style shown below for articles in periodicals [1], books [2], PhD or Master’s thesis [3], congress or conference papers [4] and electronic references [5].

REFERENCES [Calibri, 12-point, bold, justified alignment]

1. Aschheim, M., Hernández-Montes, E., & Gil-Martín, M.L. (2007). Optimal domains for strength design of rectangular sections for axial load and moment according to Eurocode 2. *Engineering Structures, 29, 1752-1760.*
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3. Compán, V. (2012). *Comportamiento estructural de las geometrías arquitectónicas del Barroco Centroeuropeo* (unpublished PhD. thesis). Sevilla: Universidad de Sevilla.
4. Jiménez-Alonso, J.F., Sáez, A. Application of operational modal analysis and model updating technique for the validation and characterization of structural models. *In Ist International Congress on Mechanical models in structural engineering* (pp. 51-59). Granada: Glodel Editorial.
5. International Database for Civil and Structural Engineering. http://www.structurae.de