

TITLE OF EXTENDED ABSTRACT (PRESENTATION TITLE)

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Abstract. *Below you find information and instructions for preparing an extended abstract to be included in the book of abstracts for the 3rd Seminar on the Mechanics of Multifunctional Materials. In order to guarantee a common layout of all abstracts, please use \LaTeX for the preparation of your abstract. Please write title, author(s), affiliation(s), and the text of your abstract in accordance to this template file. The abstracts (both pdf and all source files) should be submitted using the submission web form on <https://www.uni-due.de/mechanika/smmm3>. The deadline for submission of abstracts is **11th February 2018**.*

1 Introduction

Sections can be defined using “\section{..}”.

2 Tables, figures, equations

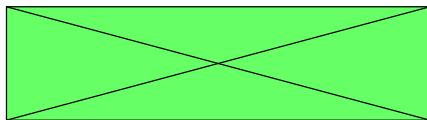
Please do not use \label{..} or \ref{..} in your equations, figures, and tables.

Example for including tables:

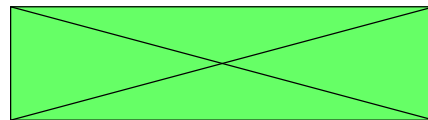
parameters	values	
parameter 1	1.0	2.0
parameter 2	5.0	7.0

Table 1: Example for including tables.

Example for including figures:



a)



b)

Figure 1: Example for including figures.

Example for including equations:

$$a = b + c \tag{1}$$

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3 References

References should be cited as [?] or [? ?]. For the list of references you can use the LaTeX build-in environment `thebibliography`. For the entry's format please refer to: i) [?] for an article in a scientific journal, ii) [?] for an book chapter, proceedings as well as related contributions and iii) [?] for a book.

Alternatively, you can activate the usage of a BibTeX based management of the references. Therefore, remove the `thebibliography` environment in this template and comment out the prepared BibTeX environment at the end of this template.

REFERENCES

- [1] S.C. Hwang, C.S. Lynch, and R.M. McMeeking. Ferroelectric/ferroelastic interactions and a polarization switching model, *Acta Metallurgica et Materialia*, 43(5): 2073–2084, 1995.
- [2] J.P. Boehler. Introduction to the invariant formulation of anisotropic constitutive equations. In J.P. Boehler, editor, *Applications of Tensor Functions in Solid Mechanics*, 13–30, Springer Vienna, 1987.
- [3] M.E. Lines and A.M. Glass. *Principles and applications of ferroelectrics and related materials*. International series of monographs on physics, OUP Oxford, 1977.