PREPARATION OF THE ELECTRONIC PAPER FOR THE PROCEEDINGS OF THE INTERNATIONAL CONFERENCE "ADVANCED LIGHTWEIGHT STRUCTURES AND REFLECTOR ANTENNAS"

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**ABSTRACT**

The international conference “Advanced Lightweight Structures and Reflector Antennas” is intended for putting together scientists and engineers from industry and universities and shear the experience and knowledge in large (space) lightweight structures and (radio, optical) apertures. This document gives paper preparation instructions to the authors of the submitted abstracts.

It is strongly recommended just to type respective texts of the paper in respective positions of this document.

# INTRODUCTION

The proceedings for the **International Conference "Advanced Lightweight Structures and Reflector Antennas"** will be available to all participants at the workshop. The following instructions provide guidelines for preparing the required electronic format. **Each submission should resemble these instruction sheets in format and style when completed.** Please read all instructions thoroughly to avoid errors that could result in your paper(s) being omitted from publication.

Note that a presentation shall be made in 20 minutes plus 5 minutes for questions and answers, total 25 minutes per presenter.

# SUBMISSION REQUIREMENTS

Publication of a paper in the proceedings of the International Conference "Advanced Lightweight Structures and Reflector Antennas" is contingent upon the receipt of the electronic version of the paper in PDF format by 20 August 2018.

Submission shall be done by sending the file to: **conf.icssem@gtu.ge**

Please submit your paper as a PDF-file and name the file as follows: 14G02\_Presenter\_FirstWordTitle.pdf(e.g. **14G02\_datashvili\_dimensional.pdf**)

All other questions concerning conference arrangements, fees, accommodation, visa, etc., should be addressed to the following e-mail address: [**conf.icssem@gtu.ge**](mailto:conf.icssem@gtu.ge) .

# PAPER PREPARATION

# Text requirements

Each paper is limited to a **maximum of 10 (ten) single-sided pages**. Prepare your paper using the following guidelines:

Margins: In order to achieve a paper-format independent print area of 17x23.4 cm (6.7x9.21 inches), please adjust your word processor to the following margins shown in Table 1.

Table 1. Recommended margins for the paper

|  |  |  |
| --- | --- | --- |
| Paper format: | **A4** | |
| Unit: | inch | cm |
| Margin LEFT | 0.79 | 2.00 |
| Margin RIGHT | 0.79 | 2.00 |
| Margin TOP | 1.00 | 2.54 |
| Margin BOTTOM | 1.48 | 3.76 |
| PRINT Area Width | 6.69 | 17.00 |
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Text: The text shall be organised in a **single column**, left and right justified. Use single spacing in the body of the text and double spacing between sections.

Font: Text: Times New Roman

Variable: Times New Roman italic

Symbol: True Type Symbol font

Size: Paper title: 12 pt bold (**TITLE**)

Author(s): 10 pt bold (**Author**)

Affiliation(s): 10 pt bold italic (***Affiliation***)

ABSTRACT 10 pt bold, (**ABSTRACT)**

Abstract text 9 pt a short abstract with up to 100 words giving essentials of the paper, 4 cm left and right margins, left and right justified.

Normal text: 10 pt (regular text)

Text in tables: 9 pt (table text)

Symbols: 12 pt ( Ω ≅ φ )

Sub/super-script: 7 pt (x y)

Tabs: Set the first three levels of tabs at 1 cm (0.39”), 2 cm (0.79”) and 3 cm (1.18”). Set a right tab stop at 17 cm (6.69”) for “flush-right” adjustment of equation numbers. Set a centre tab at 8.5 cm (3.55”).

Headings: Chapter headings should be left aligned double-spaced (one blank line before and after the heading) and printed in bold “**ALL caps**”. Sub-headings should be left aligned and double-spaced in bold text with the main words capitalised (“**Title Case**”). Sub-sub-heads are left aligned in italic font with the main words capitalised (“*Title Case*”).

Colour: **The electronic proceedings will be produced in colour (CD ROM)**. **A proceeding printed book will be produced in black & white.**

Header/footer: **The use of header/footer or footnotes is not recommended.**

# Title and Author Affiliation

The paper title, author(s) name(s), affiliation, complete mailing address and email should be centred at the top of the first page using the font as indicated above. If there are several authors, the complete affiliation should be given for each of them using superscript(1) in the authors(2) list(3) to refer to them.

# Equations

Should be centred and number equations consecutively with equation numbers in parentheses flush with the right margin. To make your equations more compact, you may use the solidus (/), the exp function, or appropriate exponents. Italicise Roman and Greek symbols for quantities and variables. Use a long dash rather than a hyphen for a minus sign. Use parentheses to avoid ambiguities in denominators. Punctuate equations with commas or periods when they are part of a sentence. Be sure that the symbols in your equation have been defined before the equation appears or immediately following. Use “(1)” not “Eq. (1)” nor “equation (1)” except at the beginning of a sentence, then use “Equation (1) is....”. An example for an equation is:

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# Figures and Tables

Position figures and tables at the top and bottom of pages. Figure captions should be below the figures; table captions should be above the tables. Avoid placing figures and tables before first mentioned in the text. Use the abbreviation “Fig.1,” even at the beginning of a sentence. All images must be embedded into your document. The type of graphics you include will affect the quality and size of your electronic paper.

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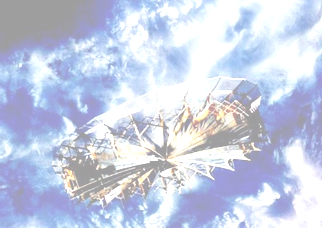


Fig. 1. Free Flying Georgian Mesh Reflector

# Abbreviations and Acronyms

Define abbreviations and acronyms the first time they are used in text, even after they have been defined in the abstract. Abbreviations such as TTC, TM, TC, ac and dc do not have to be defined. Do not use abbreviations in the title unless they are unavoidable.

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# REFERENCES (sample)

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DO NOT number this chapter.