

# FORMAT STYLE TEMPLATE MANUSCRIPT PREPARATION GUIDELINES FOR MEMS 2021

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## ABSTRACT

The manuscript should start with a brief abstract of approximately 100 words summarizing the main goals, developments, and achievements of the work. Consider that the abstract may be included in abstract search databases. Think of what requirements the abstract should fulfill in view of this perspective.

## KEYWORDS

A few meaningful keywords describing the essential topics of the paper.

## INTRODUCTION

### Paper Length

Your paper is expected to have a minimum length of two (2) pages and a maximum length of four (4) pages. *Please note that only four (4) page manuscripts will be eligible for any awards there may be.* The manuscript that you prepare will be published as it is received, so please make sure your text has been proofread with care. Because the Digest will be electronic, please feel free to use active hyperlinks in your manuscript.

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- **TITLE:** **14 POINT, BOLD, ALL CAPITALS;**
- *Authors:* *12 point, italic;*
- Affiliation: 12 point, regular;
- **ABSTRACT HEADINGS:** **12 POINT, BOLD, ALL CAPITALS, WITHOUT NUMBERING;**
- **SECTION HEADINGS:** **12 POINT, BOLD, ALL CAPITALS, DO NOT NUMBER;**
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- Text body: 10 point, regular; all paragraphs indented 0.635 cm (.25");
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See continuation of instruction on page four.

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## ABBREVIATIONS AND ACRONYMS

Define abbreviations and acronyms the first time they are used in the text. Abbreviations such as IEEE, SI, MKS, CGS, sc, dc, and rms do not have to be defined. Do not use abbreviations in the title or section headers unless they are unavoidable.

## FIGURE AND TABLE FORMATTING

All figures should be placed as close to their mention as possible. Digital images, e.g., schematic drawings, photos, micrographs, etc., should have a resolution of at least 300 dpi. Each figure should be accompanied by a numbered caption, as shown in Fig. 1, placed right below the figure being described. Figure 2 shows a photograph with unfavorable resolution (72 dpi) and low contrast.



Figure 1: Reflections on corrugated liquid/gas interface, with obstacles, observed by Monet. Rendering with 300 dpi.



Poor contrast and small labeling

Figure 2: Reflection on life, originally shaped by Rodin: rendering with low resolution (75 dpi), unfavorable size, and other deficiencies.

Tables should span one column and should be preceded by a caption. Table 1 illustrates a possible design. Design details are left to the authors. If a table or figure is too wide to be contained in a single column, extend it over both columns, preferable at the top or bottom of a page.

Table 1: Number  $N$  of abstracts submitted and number  $M$  of submitting countries.

Region	N	M
Americas	212	3
Asia/Oceania	250	9
Europe/Africa	166	20
<b>Total</b>	<b>628</b>	<b>32</b>

## EQUATION FORMATTING

When numbering equations, enclose numbers in parentheses and place flush with right-hand margin of the column, i.e., with appropriate punctuation.

$$-1 \approx e^{j22.7} \quad (1)$$

The above equation is meant as an example only and has no reference or further content. **Please double check that your figures, tables, etc. are numbered in correct sequence.**

## REFERENCE FORMATTING

Refer to the reference section for samples for contributions to Conference Digest [1], journals [2], and books [3].

If you have any questions regarding your manuscript, please do not hesitate to contact us at [authors@mems21.org](mailto:authors@mems21.org).

## ACKNOWLEDGEMENTS

Nice words and appreciation to someone for something they've done to assist you with your paper.

## REFERENCES

- [1] S. Senturia, "Perspectives on MEMS Past and Future: the Tortuous Pathway from Bright Ideas to Real Products", in *Digest Tech. Papers Transducers'03 Conference*, Boston, June 8-12, 2003, pp. 10-15.
- [2] T. Tsuchiya, O. Tabata, J. Sakata, Y. Taga, "Specimen Size Effect on Tensile Strength of Surface Micromachined Polycrystalline Silicon Thin Films", *J. Microelectromech. Syst.*, vol. 7, pp. 106-113, 1998.
- [3] R. P. Feynman, *Lectures on Physics*, Addison Wesley, 1989.

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