

Template for EIT 2023

Steffen Leonhardt¹ and Marian Walter¹

¹Chair for Medical Information Technology, RWTH Aachen University, Aachen, Germany, eit2023@hia.rwth-aachen.de

Abstract: The abstract should contain no more than 6 lines of text and describe the main methods and findings. The abstract should contain no more than 6 lines of text and describe the main methods and findings. The abstract should contain no more than 6 lines of text and describe the main methods and findings. Please avoid repetitions.

1 Introduction

This is a L^AT_EX template file to be used for manuscript submissions for the 23rd International Conference on the Biomedical Applications of Electrical Impedance Tomography to be held in Aachen, Germany on June 12-14, 2023. Please note the general requirements:

- Single page of A4 paper
- All margins at 2 cm (0.8 in)
- UK English
- Main body should be in 10pt Times font
- Specify the Email address of at least one author specified in the affiliation block

The program committee requires a full 1 page submission (rather than just a short abstract).

2 Methods

The paper can be prepared in L^AT_EX or MS Word and submitted as a *.pdf or *.docx file. The templates can be downloaded from the conference website:

<http://eit2023.rwth-aachen.de>

2.1 Figures and tables

Figures and tables (floats) can span one or two columns. Note

1. Two-column floats must be at the bottom of the page.
2. Captions appear below figures but above tables, as in Fig. ?? and Tab. ??.



Figure 1: Column-width figure, using the figure environment with the [H] option. For full width, put the figure outside the multicols environment.

2.2 Equations

Equations should be placed on separate lines and numbered

$$x(t) = s(f_{\omega}(t)) \quad (1)$$

or less complex equations, such as the definition of a Jacobian matrix, J , can be on a single line; here each element, $J_{i,j} = \frac{\partial v_i}{\partial \sigma_j}$. Larger, or more important, equations can take the full line with; for example, according to equation ??, a residue theorem states that

$$\oint_C F(z)dz = 2\pi j \sum_k \text{Res}[F(z), p_k], \quad (2)$$

which is an important finding.

2.2.1 References

List and number all references at the end of the paper. The references should be numbered in order of appearance in the document. The reference formats for a journal article[?], a book[?] and conference proceedings[?] are illustrated in the References section.

The format is compact and does not include titles for articles. References in text should be sorted and grouped compactly, as in[? ? ?]. This template places references in the a “thebibliography” section, but ou can also use BIB_TE_X and the compact.bst file.

3 Conclusions

This paper helps you prepare for the EIT 2023 conference, which is highly recommended.

4 Acknowledgements

The authors would like to express their gratitude to Alistair Boyle and Kirill Aristovich for providing them with information on previous year’s conference logistics.

References

- [1] A Adler, B Grychtol, R Bayford *Physiol Meas*, 36:1067–1074, 2015
- [2] DS Holder *Electrical Impedance Tomography* IOP Publishing: Bristol, 2005
- [3] E Murphy, A Mahara, R Halter *Conf 16th ICEBI & 17th EIT*, p.104, Stockholm, Sweden, Jun 2016

Table 1: Two-column table, using the table* environment placed at the end of the document.

k	x_1^k	x_2^k	x_3^k	remarks
0	-0.3	0.6	0.7	
7	0.5	0	-0.523	$\epsilon < \xi$