

Paper Title: Template for EIT 2027

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Abstract: The abstract must not exceed 6 lines and should briefly describe the main methods and key findings. Author names should be written as full first name, middle name initials (if applicable), and surname (e.g., Jules G. Verne). Separate authors with a comma (,) and do NOT use “and” before the last author.

1 Introduction

This is a Word template file to be used for manuscript submissions for the 27th International Conference on the Biomedical Applications of Electrical Impedance Tomography to be held in Kiel, Germany on July 18-21, 2027. Please note the general requirements:

- Single page of A4 paper
- All margins at 2 cm
- UK (British) English
- Main body should be in 10pt Times font
- Provide at least one author’s email address
- Authors can rename sections as suits their paper

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

2 Materials & Methods

The paper can be prepared in LaTeX or MS Word and must be submitted as a *surname.pdf* file. Please use the **surname of the presenting author** for the file name. The latest templates can be downloaded from the conference website: <https://www.eit2027.org>.

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. 1 and Tab. 1.
3. Every figure and table must be mentioned in the text.



Fig. 1: Column-width figure. Please ensure **Fig.** and figure **number** are in bold font in the figure legend. Figure number should be followed by “:” sign.

2.2 Equations

Equations (1) should be placed on separate lines and numbered

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

This is somewhat difficult to achieve in Word. First, the equation must be in “display mode”. Then, apply the style EIT2027:Equation. Place a TAB character before and after the equation. You will then be able to type the equation number manually.

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 may span the full line width, as shown in Eq. (2). According to equation (1), a residue theorem states that

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

which is an important finding.

2.3 References

List and number all references at the end of the paper. References should be numbered in the order of their appearance in the document. The authors should use the reference formats for a journal article [1], a book [2], and conference proceedings [3] as illustrated in the References section. An optional reference format is allowed, consisting of the last author’s name and initial(s) of the first name, followed by et al, the journal name, DOI, and publication year (e.g. [1] Frerichs I et al *Physiol Meas*, DOI 10.1088/1361-6579/ae8b55, 2026). The format is compact and does not include titles for articles. References in text should be sorted and grouped compactly, as in [1–3]. The easiest way to achieve that in Word is to do it manually.

3 Results

This paper has many important results.

4 Conclusions

This paper makes many important points.

Acknowledgements [optional]

The authors would like to express their gratitude to ...

References

[1] Frerichs I et al *Physiol Meas* 47, 08TR03, 2026
[2] Adler A, Holder DS *Electrical Impedance Tomography* CRC Press: Boca Raton, 2022
[3] Herrmann L et al 26th *EIT Conf. Proceedings*, p.13, Sheffield, UK, July 2026

Tab. 1: This table is placed after the Section Break (Continues) at the end of text. This section break ensures the text columns are balanced. This table caption was inserted the usual way, but then had its Style changed to EIT2027: Table Caption.

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