

Preparation of Papers for Fully3D 2027 Submission

First A. Author, Second B. Author, and Third C. Author

Abstract—Please insert your abstract here. This abstract can be slightly longer than the very short 150-word version required for the online submission system. *Include a sentence about the novelty and impact to medical imaging.*

Index Terms—Enter three to five keywords or phrases in alphabetical order, separated by commas.

I. INTRODUCTION

Submission rules

- Submission must be in **PDF format** only.
- Use a **two-column format** (as in this template).
- The font size for the main text should be **11**, while the abstract and references can use font size **9**.
- Submission is limited to a **maximum of 4 pages**, including all content (**strict limit**).
- Additionally, prepare a **short abstract** (maximum 150 words) for entry into the online submission system. This abstract will be used for the program only and will not be part of the review process nor the final proceedings.

Replace this text with the introduction of your paper. State the problem addressed, summarize the relevant prior work [1], [2], and clearly describe the goal and the contribution of the work presented in this submission.

Define abbreviations and acronyms the first time they are used in the text, even if they have already been defined in the abstract. Use SI units throughout the paper.

II. MATERIALS AND METHODS

A. Page Layout and Styles

This template uses A4 paper with a two-column body; the title and author names span both columns. Author affiliations go in the unnumbered footnote at the bottom of the first column (`\thanks{}`). Do not change the document class options, margins, font sizes, or line spacing to squeeze more text into the page limit.

This paragraph of the first footnote may contain support information, including sponsor and financial support acknowledgment. For example, “This work was supported in part by the National Research Foundation under Grant XXXXXXXX.”

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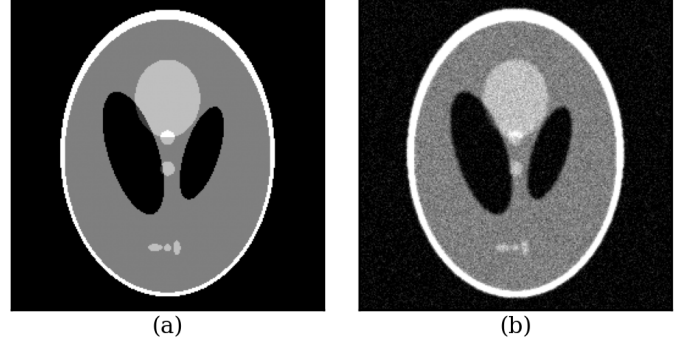


Fig. 1. Example of a column-wide figure. (a) Digital phantom. (b) Reconstructed image. Replace this figure and caption with your own.

TABLE I
EXAMPLE OF A TABLE TITLE

Method	RMSE (a.u.)	SSIM
FBP	x.xx	x.xx
OSEM	x.xx	x.xx
Proposed	x.xx	x.xx

B. Equations

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in (1). Define all symbols before or immediately after the equation in which they appear. As an example, the MLEM update is

$$x_j^{(n+1)} = \frac{x_j^{(n)}}{\sum_i a_{ij}} \sum_i a_{ij} \frac{y_i}{\sum_k a_{ik} x_k^{(n)}}, \quad (1)$$

where y_i denotes the measured data, a_{ij} the system matrix element, and $x_j^{(n)}$ the image estimate at iteration n . Refer to “(1),” not “Eq. (1),” except at the beginning of a sentence.

C. Figures and Tables

Figures and tables should be one column wide or span the full page width (`figure*`), and must be readable when printed. Place figure captions below figures and table titles above tables. All figures and tables count toward the 4-page limit and must be cited in the text (e.g., Fig. 1 and Table I).

III. RESULTS

Replace this text with your results. Present quantitative results in figures or tables where possible and describe the main findings clearly.

IV. DISCUSSION

Replace this text with the discussion. Interpret the results, compare them with prior work [3], [4], and state the limitations of the study.

V. CONCLUSION

Replace this text with the conclusion. Summarize the main contribution of the work and its impact on medical imaging.

ACKNOWLEDGMENT

Optional. Acknowledge other support here (funding can also be stated in the first-page footnote).

REFERENCES

- [1] Liu, P. et al., “Multi-level wavelet-CNN for image restoration,” in *[Proc. IEEE Conf. Comput. Vis. Pattern Recognit. Workshops (CVPRW)]*, 886–895 (2018). doi: 10.1109/CVPRW.2018.00121.
- [2] Baete, K. et al., “Evaluation of anatomy based reconstruction for partial volume correction in brain FDG-PET,” *NeuroImage* **23**(1), 305–317 (2004). doi: 10.1016/j.neuroimage.2004.04.041.
- [3] Vunckx, K. et al., “Evaluation of three MRI-based anatomical priors for quantitative PET brain imaging,” *IEEE Trans. Med. Imag.* **31**(3), 599–612 (2012). doi: 10.1109/TMI.2011.2173766.
- [4] Burgos, N. et al., “Attenuation correction synthesis for hybrid PET-MR scanners: Application to brain studies,” *IEEE Trans. Med. Imag.* **33**(12), 2332–2341 (2014). doi: 10.1109/TMI.2014.2340135.

Please specify DOIs if possible.