

# Instructions for Contributors to the *APSIPA Transactions on Signal and Information Processing*

FIRST A. AUTHOR<sup>1</sup>, SECOND AUTHOR<sup>1,2</sup> AND THIRD AUTHOR<sup>2</sup>

*This file provides instructions for authors submitting papers to ATSIP. These instructions are arranged in the style of a submitted paper, so either the Word or LaTeX file can also be used as a template for submissions. As all accepted papers will be imported into typesetting software by Cambridge University Press, there is no need for authors to spend unnecessary time formatting their paper to match the appearance of the final published article. However, authors must follow rules expressly specified in this document (such as how references should be formatted). All papers must include an abstract, which should be a single paragraph not exceeding 200 words providing a short summary of the main aims, results and conclusions in such a way that it highlights the importance of the paper to the wider community, not only to experts in the subject.*

*Authors are expected to write in a concise manner and papers may be rejected in the peer review process if they are deemed to be excessive in length. Submitted papers are expected to be no longer than 30 pages when formatted in the ATSIP style, although longer papers may be accepted based on recommendations made by associate editors and reviewers.*

**Keywords:** Authors should not add keywords, as these will be chosen during the submission process (please refer to Section II (F) below for further details).

## I. INTRODUCTION

The APSIPA Transactions on Signal and Information Processing will serve as an international forum for signal and information processing researchers across a broad spectrum of research, ranging from traditional modalities of signal processing to emerging areas where processing reaches higher semantic levels (e.g., from speech recognition to multimodal human behaviour recognition) or the goal is to extract information from datasets that are not traditionally considered signals (e.g., mining of Internet or sensor information).

The journal encourages the submission of three types of papers, described below. Note that all papers should begin with an ‘Introduction’ section and finish with ‘Conclusions’.

### A) Original Article

These papers describe new results in the field of signal and information processing.

### B) Overview Paper

These papers provide comprehensive high-level tutorials on particular topics or overviews of the status of research and development on particular topics.

### C) Express White Papers (EWP)

These papers will consist of an already accepted/published conference publication, together with a short summary of extensions to be developed by the authors to prepare a full journal submission. The EWP will also contain information about the conference where the paper was published. For more details go to: <http://journals.cambridge.org/sip/ewp>.

## II. SUBMISSION

To submit a paper, go to the submission page at: <http://mc.manuscriptcentral.com/apsipa>.

You can then log in if you already have an account, or register a new account if you have not used the site before. If you are unsure whether you already have an account on the system, or in case you have forgotten your password, please do not create a new account. Instead, type your e-mail address in the password help field in the login page and click "Go". If you are already registered, an e-mail with your login details will be sent to you immediately.

Once logged in you will be able to click on the ‘Author Center’ link and follow the online instructions to proceed with your submission. APSIPA Transactions on Signal and

<sup>1</sup>Cambridge University Press, Edinburgh Building, Shaftesbury Road, Cambridge, CB2 8RU, United Kingdom

<sup>2</sup>XLIM-CNRS 123, Avenue Albert Thomas, 87060 Limoges Cedex, France

Information Processing uses a single-blind peer review process. Before submitting your paper, please make sure that you have read the remainder of these instructions.

## A) Original Work

Submission of a manuscript implies that it has been approved in its final form by all the named authors, that it reports on unpublished work and that it has not been published or submitted for publication, in whole or in part, elsewhere. Manuscripts that are extended versions of work previously published at a conference can be considered for publication as long as they introduce a sufficient amount of new material with respect to the earlier publication. It is the responsibility of the corresponding author to ensure that these conditions are fulfilled.

## B) Copyright

Authors of articles published in the journal will retain copyright to the article. However, a Licence to Publish form must be completed with the exclusive right and licence to produce and publish assigned to Cambridge University Press and APSIPA upon acceptance of your paper.

## C) Open Access

Open access publishing in ATSIP is funded through levying an article processing charge (APC) on each individual author's institution or funding body. In 2020, the APC for ATSIP is GBP 800 / USD 1000 plus VAT where applicable. Upon acceptance for publication the corresponding author will be contacted on behalf of Cambridge University Press by Rightslink, who will administer the collection of the charge. At that stage the corresponding author can pay by credit card or arrange for an invoice to be issued to his or her funding body or institution.

Author(s) may request a discretionary waiver if they are not able to cover the funds of the APC. Requests must be made prior to submission, before the article enters editorial consideration and will be decided upon by the Publisher, without the knowledge of the editorial board. The author(s) must provide documentary evidence for their request (i.e., a letter from the institution or funder), indicating that no APC funds are available. Waiver requests made after article submission will result in a denied request. The APC charge will be waived for certain commissioned articles and Editorials and in rare cases when authors and their institutes can clearly demonstrate inability to pay. To ensure availability of funding has no bearing on editorial decisions, the Editors of ATSIP are never involved in correspondence with authors on payment of publication charges. All APC waiver requests must be submitted directly to the publisher prior to submission.

A full waiver of the APC will be granted automatically where the corresponding author is based in a Research4Life Group A country, and a 50% waiver will be granted where the corresponding author is based in a Research4Life Group B country.

The Association of Dutch Universities (VSNU) and the Koninklijke Nederlandse Akademie van Wetenschappen (KNAW) have made an agreement with Cambridge University Press, to establish open access publishing in Cambridge journals for publicly financed research articles from the Netherlands. Authors based at an institution included in the Dutch institution list will automatically receive a waiver.

## D) ORCID

ATSIP strongly encourages all corresponding authors to identify themselves using ORCID when submitting a manuscript to the journal. ORCID provides a unique identifier for researchers and, through integration in key research workflows such as publication and grant applications, provides the following benefits:

- (i) Discoverability: ORCID increases the discoverability of your publications, by enabling smarter publisher systems and by helping readers to reliably find work that you've authored.
- (ii) Convenience: As more organisations use ORCID, providing your ID or using it to register for services will automatically link activities to your ORCID profile, and will save you re-keying information multiple times.
- (iii) Keeping track: Your ORCID profile is a neat place to record and display (if you choose) validated information about your research activities.

If you don't already have an ID, you can create one during submission to ATSIP. You can register for one directly from your user account on ScholarOne or via <https://orcid.org/register>. If you already have an ID, please use this when submitting by linking it to your ScholarOne user account. For ScholarOne: Simply log in to your account using your normal username and password. Edit your account by clicking on your name at the top right of the screen and from the dropdown menu, select 'E-Mail / Name'. Follow the instructions at the top of the screen to update your account.

## E) File Formats

Papers should be prepared in either Microsoft Word or  $\LaTeX$  format, and initially should have figures and tables embedded. If the paper is prepared in Word, the doc file can be uploaded during submission, and the submission system will generate a PDF for review purposes. If the paper is prepared in  $\LaTeX$ , *the author must generate a PDF and upload this during the submission process*. If a paper is accepted for publication, the author will be required to complete a final stage of submitting the original source files (ie individual figure files, and either the Word file or  $\LaTeX$  file as appropriate).

**Table 1.** Measured performances in different operating conditions.

Bias type	Fixed	Fixed	Dynamic control supply	
	$V_{DD} = 24V; V_G = 5V$	$V_{DD} = 24V; V_G = 5V$	$V_{DD} = 24V$	$V_G = 5V$
Output back-off (dB)	0	8	0	0
Output average power (dBm)	44	36	45	44
PAE (%)	33	10	38	37
ACPR (dBc)	-17	-25	-27	-32
Base-band digital predistortion	No	No	No	Yes

## F) Keywords/subject categories

Please note that during initial submission authors will be required to select two or more subject categories from the list provided in the ScholarOne submission site. The selected subject categories will be used for peer-review purposes only, and will not appear as keywords in the final paper.

Authors will also be asked to enter 3 to 5 publication keywords. These keywords will appear in the final published version of the paper.

## III. MANUSCRIPT FORMAT

### A) Equations

Equations should be numbered consecutively as (1), (2), (3) etc. and, where necessary, referred to as such in the text. If you are preparing your paper in Word, equations can be set using MathType or Equation Editor, but should not be embedded as figures. See equation (1) for an example.

$$f_i(x(k - \tau_i)) = \sum_{p=0}^p \alpha_{pi} x(k - \tau_i) | x(k - \tau_i)^P \quad (1)$$

### B) Tables

Tables should be headed by a self-explanatory title and referred to consecutively as Table 1 etc. Please see Table 1 as an example. For authors preparing their manuscripts in Word, though tables can be embedded as figures in the initial submission, upon final acceptance authors must provide the source files for tables. If you are preparing your paper in Word, upon acceptance, individual figure files will be required in EPS or high-resolution TIFF format.

### C) Figures

Figures may be line drawings or photographs and should be accompanied by a self-explanatory title and referred to consecutively as Fig. 1 etc. An example is shown in Fig.1. Upon final acceptance authors must provide the source files for figures in EPS or high-resolution TIFF format.

### D) Citations

Citations in the text should be denoted as consecutive numbers in square brackets with one number per reference. For example, see the work of Author [1], Author and Other [2],

and Author *et al.* [3]. Note that *et al.* is used in the citation, but the full reference in the references section should list all authors. Citations may also be inserted when the author is not being directly referenced [4], and multiple references should be indicated as, for example, [1,3] and [2–4].

## E) Second-level headings

As shown in this document, first-level headings should be numbered I, II, III, etc. Second-level headings should then be lettered, as per this section.

### 1) Third-level headings

As indicated here, third-level headings should be numbered 1), 2), 3), etc.

## IV. CONCLUSION

As mentioned above, all papers should close with a conclusion section.

## ACKNOWLEDGEMENT

You may acknowledge individuals or organisations that provided advice, support (non-financial). Formal financial support and funding should be listed in the following section.

## FINANCIAL SUPPORT

Please provide details of the sources of financial support for all authors, including grant numbers. For example, “This work was supported by the Medical research Council (grant number XXXXXXXX)”. Multiple grant numbers should be separated by a comma and space, and where research was funded by more than one agency the different agencies should be separated by a semi-colon, with “and” before the final funder. Grants held by different authors should be identified as belonging to individual authors by the authors’ initials. For example, “This work was supported by the Wellcome Trust (A.B., grant numbers XXXX, YYYY), (C.D., grant number ZZZZ); the Natural Environment Research Council (E.F., grant number FFFF); and the National Institutes of Health (A.B., grant number GGGG), (E.F., grant number HHHH)”. Where no specific funding has been provided for research, please provide the following statement: “This research received

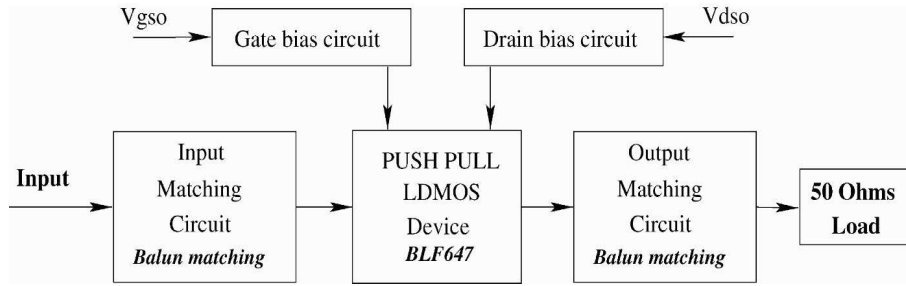


Fig. 1. Wide-band push-pull amplifier scheme.

no specific grant from any funding agency, commercial or not-for-profit sectors.”

## STATEMENT OF INTEREST

Please provide details of all known financial, professional and personal relationships with the potential to bias the work. Where no known conflicts of interest exist, please include the following statement: “None.”

## ETHICAL STANDARDS (only if applicable)

Where research involves human and/or animal experimentation, the following statements should be included (as applicable): “The authors assert that all procedures contributing to this work comply with the ethical standards of the relevant national and institutional committees on human experimentation and with the Helsinki Declaration of 1975, as revised in 2008.” and “The authors assert that all procedures contributing to this work comply with the ethical standards of the relevant national and institutional guides on the care and use of laboratory animals.”

## REFERENCES

- [1] Author, F.A.: Title of a journal article, APSIPA Trans. Signal Inf. Process., **1** (2012), 911-999.
- [2] Author, F.A.; Other, A.N.: Title of a book, *Cambridge University Press*, Cambridge, 2009.
- [3] Author, F.A.; Other, A.N.; Bloggs, J.O.E.: Title of a conference paper, in *Name of conference*, Location, 2010.
- [4] Writer, A.: Title of a book chapter or section, in Title of book, *Cambridge University Press*, Cambridge, 2010, 1001–1013.

## APPENDIX

If an appendix is required, it should go here, after the references.

## Biographies (no more than 150 words each)

**First A. Author** received a degree in physics from the University of A in 1998 and received his Ph.D. degree in communication engineering in 2002. He now holds a research chair at the B institute. His main research interests are design and optimization of high power microwave power amplifiers.

**Second Author** received her Diploma in 1997 from the University of C and received her Ph.D. at the D University in 2001. She became a full university professor in 2009. She is currently serving as chair of the E project and is active in the study of Si power electronics.

**Third Author** received his Ph.D. in 1988 from the Physics department of the F University. He was awarded a fellowship by the G institute of H in 1999 and has been working at the University of I since 2002. He has authored more than 100 research articles and his current research interests include linear and non-linear CAD techniques and low noise receivers.

## LIST OF FIGURES AND TABLES (for authors submitting their work in Word)

Fig. 1. Wide-band push–pull amplifier scheme.

Table 1. Measured performances in different operating conditions.