

# Template for URSI 2019 Paper/Summary Submission

Principal Author Name<sup>(1)</sup>      Co-Author Name<sup>(2)</sup>

<sup>(1)</sup> First affiliation including contact information,  
which can use several lines

<sup>(2)</sup> Second affiliation  
Postal address  
another.author@example.com

## Abstract

The submitted paper should include a short abstract containing at most 100 words. Prepare a high-quality PDF-file based on this template and submit it to the web system of the convention by the deadline.

## 1 Introduction

The proceedings for the XXXV Finnish URSI Convention on Radio Science will be available in PDF form to all participants at the convention and afterwards in open access through the Finnish URSI web-site. The following instructions provide guidelines for preparing the required electronic format original. **Each submission should follow these instruction sheets in format and style when completed.** Please read all instructions thoroughly to avoid errors that could result in your paper being omitted from publication.

## 2 Submission Requirements

The paper must be submitted **in PDF format** to the web system of the convention by the deadline. Both oral and poster presentations may be included. Please indicate in the “Comments to event organizer” field of the submission system, if you have strong preference for oral or poster presentation.

## 3 Paper Preparation

Each paper should be 1–4 pages in A4 format. All margins are 3 cm, which leaves a print area of 150 mm × 237 mm. The text must be organized in a **single column**, left and right justified. Use single spacing in the body of the text and spacing between sections as shown in this sample. The preferred font is Times or Times New Roman in 11 pt size for body text, with slightly larger size for section headings and paper title. Please **do not add page-numbers** to the electronic paper.

The paper title, authors’ names, affiliations, and contact information should be centered at the top of the first page as indicated above. If there are several authors, the complete affiliation should be given for each of them using superscripts in the authors list to refer to them.

Equations should be centered and numbered consecutively with equation numbers in parentheses flush with the right margin. To make your equations more compact, you may use the solidus (/), the exp function, or appropriate exponents. Use Italic Roman and Greek symbols for quantities and variables. Use a long dash rather than a hyphen for a minus sign. Use parentheses to avoid ambiguities in denominators. Be sure that the symbols in your equation have been defined before the equation appears or immediately following. Use “(1)” not “Eq. (1)” nor “equation (1)” except at the beginning of a sentence. For instance, the analysis could end up with

$$T_s = \frac{T_b}{1 + (\lambda T_b / \alpha) \ln \varepsilon}, \quad (1)$$

where  $T_s$  is...



Fig. 1: URSI logo.

Position figures and tables at the top and bottom of pages if possible. Figure captions should be below the figures; table captions should be above the tables. All figures and tables must be referenced in the text. Try to place each figure or table on the same page where it is first mentioned or on the next page. Use the abbreviation “Fig.” even at the beginning of a sentence. All images must be embedded into your document. The type of graphics you include will affect the quality and size of your electronic paper. **Please do not make text appearing in figures too small.** An example for an image embedded in the document is given in Fig. 1.

#### 4 References

Number citations consecutively in square brackets [1]. The sentence punctuation follows the brackets [2]. Refer simply to the reference number, as in [3]. Do not use “Ref. [4]” or “reference [4]” except at the beginning of a sentence: “Reference [4] was the first...” The title of the book or the name of the journal shall be typed in italic. Some examples: (pages in) a book [1], journal publications with [2] and without page numbers [3], and a conference abstract [4]

Give all authors' names; use *et al.* only if the number of authors is exceptionally high. Papers that have not been published, even if they have been submitted for publication, should be cited as “unpublished”. Papers that have been accepted for publication should be cited as “in press”.

#### Acknowledgements

Acknowledgements can be put in a separate unnumbered section before the references.

#### References

- [1] J. Clerk Maxwell, *A Treatise on Electricity and Magnetism*, 3rd ed., vol. 2. Oxford: Clarendon, pp. 33–45, 1892.
- [2] G. Eason, B. Noble, and I. N. Sneddon, “On certain integrals of Lipschitz–Hankel type involving products of Bessel functions,” *Phil. Trans.. Roy. Soc. London*, vol. A247, pp. 529-551, April 1955.
- [3] F. Zhang, C. L. Kane, and E. J. Mele, “Surface states of topological insulators,” *Phys. Rev B*, vol. 86, no. 8, paper 081303 (5 pages), 2012.
- [4] D. R. Wilton and A. W. Glisson, “On improving the stability of the electric field integral equation at low frequencies,” in *1981 USNC/URSI Spring Meeting Digest*, Los Angeles, CA, June 1981, p. 24.