Submission and Formatting Instructions for GNU Radio Conference (GRCON 2016)

Abstract

The purpose of this document is to provide both the basic paper template and submission guidelines. Abstracts should succinct single paragraph, ideally between 4 to 6 sentences long.

1. Electronic Submission

Submission to GRCON 2016 will be entirely electronic. Information about the submission process and LaTeX templates are available on the conference web site at:

> www.gnuradio.org/grcon-2016/papers/

Questions and submission PDFs can be sent to grcon@gnuradio.org.

The guidelines below will be enforced for initial submissions and camera-ready copies. Here is a brief summary:

- Submissions must be in PDF.

- The maximum paper length is **8 pages excluding references and acknowledgements, and 10 pages including references and acknowledgements** (pages 9 and 10 must contain only references and acknowledgements).

- Your paper should be in **10 point Times font**.

- Place figure captions *under* the figure (and omit titles from inside graphics). Place table captions *over* the table.

- Do not alter the style template; in particular, do not compress the paper format by reducing the vertical spaces.

- Keep your abstract brief and self-contained, one paragraph and roughly 4-6 sentences. Title should have content words capitalized.

- Where possible, provide source code and example implementation via reference to your github account.

1.1. Submitting Papers

Paper Deadline: The deadline for paper submission to GRCON 2016 is **July 1, 2016**.

Simultaneous Submission: GRCON papers must not have been previously published or under review elsewhere. Pre-publication to Arxiv is encouraged.

Authors using **Word** must convert their document to PDF. Submissions will only be accepted in PDF format.

1.2. Feedback from Paper Submission

Acceptance notification will occur within one week of paper submission via email. Unless otherwise specified, conference abstracts must previously be accepted.

1.3. Submitting Final Camera-Ready Copy

The final versions of papers accepted for publication should follow the same format as initial submissions, but should use the accepted keyword for the style package.

Simply change: \usepackage{grcon2016} to

> \usepackage[accepted]{grcon2016}

Camera-ready copies should have the title of the paper as running head on each page except the first one.

2. Format of the Paper

All submissions must follow the same format to ensure consistent reproduction and to let readers more easily find information.

2.1. Length and Dimensions

Papers must not exceed eight (8) pages of content, and ten (10) pages including acknowledgements and references.

The text of the paper should be formatted in two columns, with an overall width of 6.75 inches, height of 9.0 inches, and 0.25 inches between the columns. The left margin should be 0.75 inches and the top margin 1.0 inch (2.54 cm) and US Letter size.

The paper body should be set in 10 point type with a

vertical spacing of 11 points. Please use Times typeface throughout the text.

2.2. Title

The paper title should be set in 14 point bold type and centered between two horizontal rules that are 1 point thick, with 1.0 inch between the top rule and the top edge of the page. Capitalize the first letter of content words and put the rest of the title in lower case.

2.3. Author Information for Submission

Author information should include full names, institutional affiliation, and at least city address, as well as email or web addresses.

2.4. Abstract

The paper abstract should begin in the left column, 0.4 inches below the final address. The heading 'Abstract' should be centered, bold, and in 11 point type. The abstract body should use 10 point type, with a vertical spacing of 11 points, and should be indented 0.25 inches more than normal on left-hand and right-hand margins. **Keep your abstract brief and self-contained.**

2.5. Partitioning the Text

You should organize your paper into sections and paragraphs to help readers place a structure on the material and understand its contributions.

2.5.1. SECTIONS AND SUBSECTIONS

Section headings should be numbered, flush left, and set in 11 pt bold type with the content words capitalized. Leave 0.25 inches of space before the heading.

Similarly, subsection headings should be numbered, flush left, and set in 10 pt bold type with the content words capitalized. Leave 0.2 inches of space before the heading.

Subsubsection headings should be numbered, flush left, and set in 10 pt small caps with the content words capitalized. Leave 0.18 inches of space before the heading.

Please use no more than three levels of headings.

2.5.2. PARAGRAPHS AND FOOTNOTES

Within each section or subsection, you should further partition the paper into paragraphs. Do not indent the first line of a given paragraph, but insert a blank line between succeeding ones.

Figure 1. GNU Radio Logo

2.6. Figures

You may want to include figures in the paper to help readers visualize your approach and your results. Such artwork should be centered, legible, and clearly labeled and explained with captions similar to Figure 1.

2.7. Citations and References

Please use APA reference format regardless of your formatter or word processor. If you rely on the LaTeX bibliographic facility, use `natbib.sty` and `grcon2016.bst` included in the style-file package to obtain this format.

This template is based off the excellent template for ICML provided in the work by (Langley, 2000).

2.8. Software and Data

We strongly encourage the publication of software and data with the camera-ready version of the paper whenever appropriate. This can be done by including a URL in the camera-ready copy.

References

Langley, P. Crafting papers on machine learning. In Langley, Pat (ed.), *Proceedings of the 17th International Conference on Machine Learning (ICML 2000)*, pp. 1207–1216, Stanford, CA, 2000. Morgan Kaufmann.