

CTWatch Quarterly Guideline for authors

INTRODUCTION

CTWatch Quarterly is an online journal that focuses on cyberinfrastructure related research critical to collaboration and information dissemination within the science community as a whole. Each issue of the *Quarterly* will center on a topic with currency and importance to this community with articles written by experts in their field from academia, government, and industry.

CONTENT

Submission:

- Articles published in the *CTWatch Quarterly* are by invitation only.
- Each issue has a guest editor who is responsible for solicitation of the articles. Instructions about the content and scope will be provided by the guest editor.
- Articles should be e-mailed to quarterly@ctwatch.org.
- Submissions should be made no later than the first day of the publication month in which your article is to appear (*CTWatch Quarterly* is published in February, May, August, and November).

Format: All articles should be submitted in Microsoft Word or HTML format. All articles should be in English.

Article Length: Typical article lengths run five to seven pages. Occasionally, we may have special invited articles that run longer. The reference page is not included in the total page limitation.

ELEMENTS OF STYLE

Article Title: Use a standard type font (e.g., Times New Roman, Courier) and do not exceed 16 pt. Title length has no limits. Capitalize the first letter of each word in the title.

Author Affiliation: Please make sure affiliations for all authors are included beside author name at the top of the page immediately following the article title.

Body: Use a standard type font (e.g., Times New Roman, Courier) and either 11 or 12 pt. size. Please utilize single or 1.5 line spacing. No double line spacing of body text.

Section Headings: Headings are permitted and encouraged but not required. Headings may be numbered following standard conventions (e.g., 1., 1.1, 1.1.1) or unnumbered. Please do not exceed 14 pt. size for section headings and use a standard type font.

Charts/Graphs/Tables: If any are included, please make sure they appear in the proper location within the text, that each is appropriately labeled, and that label font size is standard and does not exceed 14 pt. For tables use the Table X. notation (e.g., Table 1., Table 2.) followed by a brief, descriptive label for the table. For images, graphs, and charts, use the Figure X. notation. Please do not convert charts, graphs, tables, to images (e.g., jpeg, gif). Please submit the original format (e.g., Powerpoint). Occasionally, we may need to edit the tables.

Graphics/Images: If any are included, please use a place holder in the text for the location where the image is to appear (e.g., “Insert Figure 1 here,” or something similar), make sure each is appropriately labeled, and that label font is standard and does not exceed 14 pt. Please use the Figure X. notation (e.g., Figure 1., Figure 2.) followed by a brief, descriptive title/label. Please include only high resolution images, preferably in original format (e.g., EPS, TIFF, Illustrator). NOTE: Please send images separately (i.e., not embedded in the Word file) and named clearly (e.g., figure1.tiff, figure6.eps).

URLs/Links: Urls/links in the text body are typically only permitted as references. Therefore, please follow the reference guidelines below.

References: All references (footnotes, endnotes, parenthetical references, urls/links, etc.) should be numbered sequentially in the text body (using the [#] notation) and referenced on a separate page at the end of the article. If you reference an item more than once, simply repeat the reference number of its first occurrence. The following excerpt (adapted from a previous article draft) illustrates the reference style (Note: the final online/pdf copies will NOT reflect this format because it is converted by the editorial staff to a separate style. We just ask that you follow this style format (modified Turabian) in your drafts to make the conversion easier and more efficient.

A final example integrates expertise of IPv6 networking at the Cybermedia Center of Osaka University, remote control of a microscope at UCSD, and use of a computational grid to build tomographic reconstructions of subcellular structures, and the development of visualization modules from the National Center of High-performance Computing (NCHC), to provide an enhanced suite of tools for researchers to use [22]. Not only did the team benefit, but each group did as well. UCSD researchers were able to better access the machine in Japan and distributed compute resources at the three sites. Osaka researchers were able to control the machines and make codes available to their users, and NCHC colleagues were able to take the concept and knowledge of remote control of a microscope and retarget the application to that of sensors in the environment, creating EcoGrid [23] in Taiwan.

Each of these international science and technology teams has shared technology and experience to significantly enhance their research agendas. The structure of PRAGMA, with its culture of openness to new ideas and technologies coupled with a recurring series of focused workshops [24], provided the essential glue for these teams. Each of these accomplishments has resulted in ongoing collaborations that now span years.

References

- [22] Lee, D., Lin, A.W., Hutton, T., Akiyama, T., Shinji, S., Lin, F.P., Peltier, S., Ellisman, M.H. Global Telescience Featuring IPv6 at iGrid2002. *Future Generation of Computer Systems*, 19(6): 25-40. 2003.
- [23] EcoGrid - <http://ecogrid.nchc.org.tw/>
- [24] Recent workshops were hosted by the PRAGMA members Bioinformatics Institution and the National Grid Office Singapore (May 2005), University of Hyderabad (October 2005). Future workshops will be hosted by University of Queensland and the Australian Partnership for Advanced Computing (March 2006), Osaka University (October 2006), National Electronics and Computer Technology Center and Kasetsart University (Spring 2007), National Center for Supercomputing Applications (Fall 2007), and NCHC (Spring 2008).

EDITING

The CTWatch editorial staff will edit each document, but each article should undergo an initial round of editing prior to submission. In order to improve readability, the editorial staff may also alter the content (including figures, graphs, tables, etc.), which could include enlarging, shrinking, changing colors, etc. of graphical material. Lead authors or the article contact will be notified if any images are omitted from the published version of their article. The guest editor also reserves the right to edit the articles.

QUESTIONS/COMMENTS: Please send any questions or comments about this guide to quarterly@ctwatch.org.