GUIDELINES ON WRITING A GOOD PAPER FOR THE *PROCEEDINGS OF THE SOCIETY FOR MODELING AND SIMULATION INTERNATIONAL (SCS)*

EXAMPLE
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ABSTRACT

As an aid to authors who seek to improve the clarity and readability of their papers for the *Proceedings of The Society for Modeling and Simulation International (SCS)*, this paper summarizes some useful guidelines on technical writing, including current references on each topic that is discussed.

1 OUTLINE OF KEY CONSIDERATIONS

Writing a clear, readable exposition of complex technical work is at least as difficult as doing the work in the first place. Given below is an outline of key considerations to bear in mind during all stages of writing a paper that will be reviewed for possible presentation at a Society for Modeling and Simulation International (SCS) conference as well as publication in the *Proceedings of the Society for Modeling and Simulation International (SCS)*. For questions about these guidelines, please send e-mail to scs@scs.org or contact the Proceedings Editors for your conference.

I. Organizing the paper (what to do before beginning to write)
   A. Analyze the situation—that is, the problem, the solution, and the target audience.
      1. Formulate the objectives of the paper.
      2. Specify the scope of the paper's coverage of the subject and the results to be discussed. Orient the paper toward the theme of your session as indicated either by the title of your session or by the instructions of your session chair. Also take into account the type of track—tutorial, methodology, or application.
      3. Identify the target audience and determine the background knowledge that you can assume for this particular group of people. Introductory tutorials are generally attended by new-comers who are interested in the basics of simulation. Advanced tutorials are designed to provide more experienced professionals with a thorough discussion of special topics of much current interest; and some special-focus sessions in this track are designed to provide experts with an overview of recent fundamental advances in simulation theory. Methodology sessions are attended by professionals who have at least an undergraduate-level background in computer simulation techniques. In the application tracks, session attendees are generally familiar with the application area covered by their session.
      4. Formulate the most logical sequence for presenting the information specified in item 2 to the readers identified in item 3. For a discussion of effective aids in organizing your paper (specifically, brainstorming, clustering, concept maps, issue trees, and outlining), see chapter 3 of Matthews and Matthews (2014). In structuring your presentation, keep the following points in mind.

a. Introductory and advanced tutorials should have an educational perspective. Within the advanced tutorials track, special-focus sessions should synthesize the latest research results in a unified treatment of a given topic.

b. Methodology contributions should provide up-to-date information on proven techniques for designing, building, and analyzing simulation models.

c. Application papers should relate directly to the practice of simulation, and they should emphasize lessons of transferable value.

B. Make outlines to organize your thoughts and then to organize both the written and oral presentations of your work. For excellent discussions of the construction and use of various types of outlines, see the following: chapter 1 of Menzel, Jones, and Boyd (1961); the sections titled "Develop an issue tree to assess presentation balance" and "Outline to develop the paper's framework" in chapter 3 of Matthews and Matthews (2014); and chapters 1–3 of Pearsall and Cook (2010).

1. The introductory paragraph(s)
   a. State the precise subject of the paper immediately.
   b. State the problem to be solved.
   c. Summarize briefly the main results and conclusions.
   d. Tell the reader how the paper is organized.
2. The main body of the paper
   a. Include enough detail in the main body of the paper so that the reader can understand what you did and how you did it; however, you should avoid lengthy discussions of technical details that are not of general interest to your audience.
   b. Include a brief section covering notation, background information, and key assumptions if it is awkward to incorporate these items into the introductory paragraph(s).
   c. Include sections on theoretical and experimental methods as required. For an application paper, you should discuss the development of the simulation model—including input data acquisition as well as design, verification, validation, and actual use of the final simulation model. For a methodological or theoretical paper that requires substantial mathematical development, see Halmos (1970), Higham (1998), pages 1–8 of Knuth, Larrabee, and Roberts (1989), Krantz (1997, 2001), or Swanson (1999). For standard mathematical notation used in engineering and the sciences, see *ISO 80000-2: Quantities and Units—Part 2: Mathematical Signs and Symbols to Be Used in the Natural Sciences and Technology* (ISO 2009) and Scheinerman (2011).
   d. Plan the results section to achieve the most effective mix of text, figures, and tables in the presentation of the findings. The definitive reference on the design of tables and figures is Tufte (2001).
3. The concluding paragraph(s)
   a. Explain how the theoretical and experimental results relate to the original problem. State why these results are important.
   b. Summarize any unresolved issues that should be the subject of future work.
   c. State the final conclusions explicitly in plain language.

II. Writing the paper

A. Prepare an abstract that is concise, complete in itself, and intelligible to a general reader in the field of simulation. The abstract may not exceed 150 words, and it should not contain any references or mathematical symbols.

1. Summarize the objectives of the paper.
2. Summarize the results and conclusions.
3. State the basic principles underlying any new theoretical or experimental methods that are developed in the paper.
4. For complete instructions on the preparation of scientific abstracts, see *Guidelines for Abstracts* (NISO 2009), pages 91–93 of Carter (1987), page 5 of the *AIP Style Manual* (AIP 1990), or chapter 9 of Day and Gastel (2011).

B. Write the rest of the paper as though you were talking to a group of interested colleagues about your work.

1. Strive for accuracy and clarity above all else.
2. In writing the introduction, you should remember the following maxim:

   > The opening paragraph should be your best paragraph, and its opening sentence should be your best sentence. (Knuth, Larrabee, and Roberts 1989, 5)

   You cannot achieve such an ambitious goal on the first try; instead as you add new sections to the paper, you should review and revise all sections written so far. For more on the spiral plan of writing, see pages 131–133 of Halmos (1970).

   a. Like the abstract, the introduction should be accessible to general readers in the field of simulation.
   b. For methodology papers and advanced tutorials, substantially more advanced background may be assumed in the sections following the introduction.

3. In constructing each sentence, place old and new information in the respective positions where readers generally expect to find these types of information. For an excellent discussion of the principles of scientific writing based on reader expectations, see Gopen and Swan (1990) and Williams and Bizup (2013, 2014).

   a. Place in the topic position (that is, at the beginning of the sentence) the old information linking backward to the previous discussion.
   b. Place in the stress position (that is, at the end of the sentence) the new information you want to emphasize.
   c. Place the subject of the sentence in the topic position, and follow the subject with the verb as soon as possible.
   d. Express the action of each sentence in its verb.

4. Make the paragraph the unit of composition.

   a. Begin each paragraph with a sentence that summarizes the topic to be discussed or with a sentence that helps the transition from the previous paragraph.
   b. Provideacontextforthediscussionbeforeaskingthereadertoconsidernewinformation.
   c. Avoid paragraphs of extreme length—that is, one-sentence paragraphs and those exceeding 200 words.
   d. Place the important conclusions in the stress position at the end of the paragraph.

5. Allocate space to a topic in proportion to its relative importance.
6. For methodology papers, emphasize the concepts of general applicability that underlie the solution procedure rather than the technical details that are specific to the problem at hand. Supply only the technical details and data that are essential to the development.
7. For application papers, emphasize the new insights into the problem that you gained from designing, building, and using the simulation model.
8. Use standard technical terms correctly.
    a. For standard usage of mathematical terms, see James and James (1992) and Borowski and Borwein (2002). For example, a nonsquare matrix cannot be called "orthogonal" even if any two distinct columns of that matrix are orthogonal vectors.
    b. For standard usage of statistical terms, see Dodge (2003), Porkess (2005), and Upton and Cook (2014). For example, the probability density function of a continuous random variable may be called a "density" but not a "probability distribution function" or a "probability function."
    c. For standard usage of computer terms, see *The Free On-Line Dictionary of Computing* (Howe 1993) and *Dictionary of Algorithms and Data Structures* (Black 1998).
    d. For standard usage of industrial engineering terms, see *Industrial Engineering Terminology* (IIE 2000). For example, the time that a workpiece spends in a manufacturing cell may be called "cycle time" or "flow time" but not "throughput time."
9. Avoid illogical or potentially offensive sexist language. See Miller and Swift (2001) for a commonsense approach to this issue.
10. Strictly avoid the following—
    a. religious, ethnic, or political references;
    b. personal attacks;
    c. excessive claims about the value or general applicability of your work; and
    d. pointed criticism of the work of other people.

    Such language has no place in scientific discourse under any circumstances, and it will not be tolerated by the *Proceedings* Editors. With respect to software tutorials, items c and d immediately above require authors to avoid invidious comparisons of their products with competing products.
11. In writing the final section of the paper containing conclusions and recommendations for future work, you should keep in mind the following maxim:

    > The mark of a good summary is revelation: "Remember this, reader? And that? Well, here's how they fit together." (van Leunen 1992, 116)

C. For each table, compose a caption that briefly summarizes the content of the table. Comment explicitly in the text on the significance of the numbers in the table; do not force the reader to guess at your conclusions. See sections 3.46–3.85 of *The Chicago Manual of Style* (University of Chicago Press 2010; http://www.chicagomanualofstyle.org) or chapter 16 of Day and Gastel (2011) for a comprehensive discussion of how to handle tables.

D. For each figure, compose a caption (or legend) that explains every detail in the figure—every curve, point, and symbol. See the *AIP Style Manual* (AIP 1990) or chapters 17 and 18 of Day and Gastel (2011) for excellent examples.

E. Revise and rewrite until the truth and clarity of every sentence are unquestionable.

   1. For questions about the rules of English grammar and usage, see Bernstein (1965), Fowler (1965), *Fowler's Modern English Usage* (2004), Fowler and Aaron (2012), Hale (2013), O'Conner (2009), Strunk and White (2000), the *Oxford English Dictionary* (Simpson and Weiner 1989), and *Webster's Third New International Dictionary of the English Language, Unabridged* (1993).
   2. For those who use English as a second language, particularly helpful references are Booth (1993), Fowler and Aaron (2012), Huckin and Olsen (1991), and Yang (1995).
   3. For guidelines on how to edit your own writing effectively, see Cook (1985).
   4. For a comprehensive discussion of all aspects of scientific writing, see also Alley (1996) and Day and Sakaduski (2011).

F. Prepare a complete and accurate set of references that gives adequate credit to the prior work upon which your paper is based.

   1. The author-date system of documentation is required for all papers appearing in the *Proceedings of the The Society for Modeling and Simulation International*. Chapter 15 of *The Chicago Manual of Style* (University of Chicago Press 2010) provides comprehensive, up-to-date information on this citation system.
   2. In preparing your list of references, you should strive for completeness, accuracy, and consistency. Using the information provided in your list of references, the interested reader should be able to locate each source of information cited in your paper.
   3. For complete instructions on citing electronic sources, see sections 14.4–14.13 of *The Chicago Manual of Style* (University of Chicago Press 2010). For example, sections 14.5 and 14.6 contain basic information on uniform resource locators (URLs) and Digital Object Identifiers (DOIs), respectively; and section 14.12 provides useful rules for breaking a URL or a DOI across two or more lines either in the text or in the list of references. Many specific examples of citations for various types of electronic sources can be found throughout chapters 14 and 15 of *The Chicago Manual of Style* (University of Chicago Press 2010).
   4. The final electronic version of your paper—that is, the portable document format (PDF) file ultimately produced from the Word or LaTeX source file of your paper—may include external hyperlinks referring to some of the electronic sources cited in the paper that are accessible online.
      a. If an external hyperlink is live, then it is colored blue; and when viewing the PDF file of your paper on a computer, the reader may select (click) that hyperlink for immediate online access to the cited material. More specifically, selecting (clicking) a live external hyperlink will activate the reader's web browser so that, if all goes well, the cited source of information will be displayed in the web browser. A live external hyperlink may also be used to activate the reader's e-mail software for sending a message to a specific e-mail address; for example, see the hyperlink given in the first paragraph of this document.
      b. If an external hyperlink is not live, then it is colored black; and such a hyperlink merely displays the URL or DOI of the cited material without providing a mechanism for immediate online access to that material.
      c. If you use external hyperlinks in your paper, then you must ensure that the text displayed for each external hyperlink is correct and complete so that a reader who has only a

hard copy of the paper can still access the cited material by (carefully) typing the relevant displayed text of the hyperlink into the address bar of a web browser or e-mail program. Remember that your responsibility for the accuracy and completeness of each hyperlink in your paper parallels your responsibility for the accuracy and completeness of each conventional citation of a non-electronic source—neither the Editors nor the publisher of the *Proceedings* can verify any of this information for you.

G. See Wilson (2002) for a discussion of the following ethical and "strategic" considerations in writing a scientific paper that will be considered for publication in a peer-reviewed journal or conference proceedings such as the *Proceedings of the Society for Modeling and Simulation International*:

1. achieving a consensus among collaborators on who should be a coauthor of the paper;
2. achieving a consensus among coauthors on the order of authorship in the paper's byline; and
3. writing the paper so as to anticipate and answer key questions that will be asked by the paper's referees and readers.

III. Achieving a natural and effective style

A. Alfred North Whitehead memorably expressed the gist of the matter of writing style:

> Finally, there should grow the most austere of all mental qualities; I mean the sense for style. It is an aesthetic sense, based on admiration for the direct attainment of a foreseen end, simply and without waste. Style in art, style in literature, style in science, style in logic, style in practical execution have fundamentally the same aesthetic qualities, namely attainment and restraint. The love of a subject in itself and for itself, where it is not the sleepy pleasure of pacing a mental quarter-deck, is the love of style as manifested in that study.
>
> Here we are brought back to the position from which we started, the utility of education. Style, in its finest sense, is the last acquirement of the educated mind; it is also the most useful. It pervades the whole being. The administrator with a sense for style hates waste; the engineer with a sense for style economizes his material; the artisan with a sense for style prefers good work. Style is the ultimate morality of mind. (Whitehead 1929, 12)

Kurt Vonnegut made the following equally trenchant observation on writing style.

> Find a subject you care about and which you in your heart feel others should care about. It is this genuine caring, and not your games with language, which will be the most compelling and seductive element in your style. (Vonnegut 1985, 34)

Strunk and White (2000), Williams and Bizup (2013, 2014), and Zinsser (2006) are excellent references on achieving a natural and effective writing style.

B. Contrast the following descriptions of an experiment in optics:

1. I procured a triangular glass prism, to try therewith the celebrated phenomena of colors. And for that purpose, having darkened my laboratory, and made a small hole in my window shade, to let in a convenient quantity of the sun's light, I placed my prism at the entrance, that the light might be thereby refracted to the opposite wall. It was at first a very pleasing diversion to view the vivid and intense colors produced thereby.
2. For the purpose of investigating the celebrated phenomena of chromatic refrangibility, a triangular glass prism was procured. After darkening the laboratory and making a small aperture in an otherwise opaque window covering in order to ensure that the optimum quantity of visible electromagnetic radiation (VER) would be admitted from solar sources,

> the prism was placed in front of the aperture for the purpose of reflecting the VER to the wall on the opposite side of the room. It was found initially that due to the vivid and intense colors which were produced by this experimental apparatus, the overall effect was aesthetically satisfactory when viewed by the eye.

The most striking difference between these two accounts of the experiment is the impersonal tone of the second version. According to version 2, literally nobody performed the experiment. Attempting to avoid the first person, the author of version 2 adopted the third person; this in turn forced the author to use passive verbs. As Menzel, Jones, and Boyd (1961, 79) point out, "Passive verbs increase the probability of mistakes in grammar; they start long trains of prepositional phrases; they foster circumlocution; and they encourage vagueness." Notice the dangling constructions in the second sentence of version 2. Version 1 was written by Isaac Newton (1672, 3076). Even though it was written over 340 years ago, Newton's prose is remarkable for its clarity and readability.

C. To achieve a natural and effective writing style, you should adhere to the following principles that are elaborated in chapter 5 of Menzel, Jones, and Boyd (1961):
   1. Write simply.
   2. Use the active voice.
   3. Use plain English words rather than nonstandard technical jargon or foreign phrases.
   4. Use standard technical terms correctly.
   5. Avoid long sentences and extremely long (or short) paragraphs.
   6. Avoid slavish adherence to any set of rules for technical writing, including the rules enumerated here.
   7. Remember that the main objective is to communicate your ideas clearly to your audience.

2 SUMMARY

In writing a paper for publication in the *Proceedings of The Society for Modeling and Simulation International*, the author should keep in mind the key considerations outlined in this paper. Questions and suggestions for improvement of this document are welcome.

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REFERENCES

AIP (American Institute of Physics). 1990. *AIP Style Manual*. 4th ed. New York: AIP. http://kmh-lanl.hansonhub.com/AIP_Style_4thed.pdf.

Alley, M. 1996. *The Craft of Scientific Writing*. 3rd ed. New York: Springer.

Bernstein, T. M. 1965. *The Careful Writer: A Modern Guide to English Usage*. New York: Atheneum.

Black, P. E., ed. 1998. *Dictionary of Algorithms and Data Structures*. Washington, DC: National Institute of Standards and Technology. http://www.nist.gov/dads.

Booth, V. 1993. *Communicating in Science: Writing a Scientific Paper and Speaking at Scientific Meetings*. 2nd ed. Cambridge: Cambridge University Press.

Borowski, E. J., and J. M. Borwein. 2002. *Collins Web-linked Dictionary of Mathematics*. 2nd ed. Glasgow: HarperCollins.

Carter, S. P. 1987. *Writing for Your Peers: The Primary Journal Paper*. New York: Praeger.

Cook, C. K. 1985. *Line by Line: How to Improve Your Own Writing*. Boston: Houghton Mifflin Co. Day, R. A., and B. Gastel. 2011. *How to Write and Publish a Scientific Paper*. 7th ed. Santa Barbara, CA: Greenwood.

Day, R. A., and N. Sakaduski. 2011. *Scientific English: A Guide for Scientists and Other Professionals*. 3rd ed. Santa Barbara, CA: Greenwood.

Dodge, Y., ed. 2003. *The Oxford Dictionary of Statistical Terms*. 6th ed. New York: Oxford University Press.

Fowler, H. R., and J. E. Aaron. 2012. *The Little, Brown Handbook*. 12th ed. Boston: Pearson.

Fowler, H. W. 1965. *A Dictionary of Modern English Usage*. 2nd ed. Revised and edited by Sir Ernest Gowers. New York: Oxford University Press.

Fowler's Modern English Usage. 2004. 3rd ed. rev. Edited by R. W. Burchfield. New York: Oxford University Press.

Gopen, G. D., and J. A. Swan. 1990. "The Science of Scientific Writing." *American Scientist* 78 (November-December): 550–558.

Hale, C. 2013. *Sin and Syntax: How to Craft Wickedly Effective Prose*. Revised and updated. New York: Three Rivers Press.

Halmos, P. R. 1970. "How to Write Mathematics." *L'Enseignement Mathe'matique* 16 (2): 123–152. http://www.ise.ncsu.edu/jwilson/files/halmos70em.pdf.

Higham, N. J. 1998. *Handbook of Writing for the Mathematical Sciences*. 2nd ed. Philadelphia: Society for Industrial and Applied Mathematics.

Howe, D., ed. 1993. *The Free On-Line Dictionary of Computing*. London: Imperial College Department of Computing. http://foldoc.org.

Huckin, T. N., and L. A. Olsen. 1991. *Technical Writing and Professional Communication for Nonnative Speakers of English*. 2nd ed. New York: McGraw-Hill.

IIE (Institute of Industrial Engineers). 2000. *Industrial Engineering Terminology*. Rev. ed. Norcross, GA: IIE. http://www.iienet2.org/Details.aspx?id=645.

ISO (International Organization for Standardization). 2009. *ISO 80000-2 : Quantities and Units : Part 2: Mathematical Signs and Symbols to Be Used in the Natural Sciences and Technology*. Geneva: International Organization for Standardization. http://www.iso.org/iso/catalogue_detail?csnumber=31887.

James, R. C., and G. James. 1992. *Mathematics Dictionary*. 5th ed. New York: Chapman & Hall. Knuth, D. E., T. Larrabee, and P.M. Roberts. 1989. *Mathematical Writing*. Washington, DC: Mathematical Association of America. http://tex.loria.fr/typographie/mathwriting.pdf.

Krantz, S. G. 1997. *A Primer of Mathematical Writing: Being a Disquisition on Having Your Ideas Recorded, Typeset, Published, Read, and Appreciated*. Providence, RI: American Mathematical Society.

Krantz, S. G. 2001. *Handbook of Typography for the Mathematical Sciences*. Boca Raton, FL: Chapman and Hall/CRC.

Matthews, J. R., and R. W. Matthews. 2014. *Successful Scientific Writing: A Step-by-Step Guide for the Biological and Medical Sciences*. 4th ed. Cambridge: Cambridge University Press.

Menzel, D. H., H. M. Jones, and L. G. Boyd. 1961. *Writing a Technical Paper*. New York: McGraw-Hill Book Company.

Miller, C., and K. Swift. 2001. *The Handbook of Nonsexist Writing*. 2nd ed. San Jose, CA: iUniverse.com.

Newton, I. 1672. "New Theory of Light and Colors." *Philosophical Transactions* 6 (80): 3075–3087.

NISO (National Information Standards Organization). 2009. *ANSI/NISO Z39.14-1997 (R2009): Guidelines for Abstracts*. Bethesda, MD: NISO Press. http://www.niso.org/apps/group public/download.php/13350/Z39-14-1997 r2009.pdf .

O'Conner, P. T. 2009. *Woe Is I: The Grammarphobe's Guide to Better English in Plain English*. 3rd ed. New York: Riverhead Books.

Pearsall, T. E., and K. C. Cook. 2010. *The Elements of Technical Writing*. 3rd ed. New York: Longman.

Porkess, R., ed. 2005. *Collins Web-linked Dictionary of Statistics*. 2nd ed. Glasgow: HarperCollins.

Scheinerman, E. R. 2011. *Mathematical Notation: A Guide for Engineers and Scientists*. Seattle: CreateSpace. http://www.ams.jhu.edu/ers/books/mathematical-notation/.
Simpson, J. A., and E. S. C. Weiner, eds. 1989. *Oxford English Dictionary*. Oxford, UK: Oxford University Press. http://www.oed.com/.
Strunk, W., Jr., and E. B. White. 2000. *The Elements of Style*. 4th ed. Boston: Allyn and Bacon. Swanson, E. 1999. *Mathematics into Type*. Updated edition by A. O'Sean and A. Schleyer. Providence, RI: American Mathematical Society.
University of Chicago Press. 2010. *The Chicago Manual of Style*. 16th ed. Chicago: University of Chicago Press. http://www.chicagomanualofstyle.org.
Tufte, E. R. 2001. *The Visual Display of Quantitative Information*. 2nd ed. Cheshire, CT: Graphics Press.
Upton, G., and I. Cook. 2014. *A Dictionary of Statistics*. 3rd ed. Oxford: Oxford University Press.
van Leunen, M.-C. 1992. *A Handbook for Scholars*. Rev. ed. New York: Oxford University Press.
Vonnegut, K. 1985. "How to Write with Style." In *How to Use the Power of the Printed Word*, ed. B. S. Fuess, Jr., 33–38. Garden City, NY: Anchor Press/Doubleday. http://www.novelr.com/2008/08/16/vonnegut-how -to-write-with-style .
Webster's Third New International Dictionary of the English Language, Unabridged. 1993. Springfield, MA: Merriam-Webster. http://unabridged.merriam-webster.com.
Whitehead, A. N. 1929. "The Aims of Education." In *The Aims of Education and Other Essays*, 12. New York: The Free Press.
Williams, J. M., and J. Bizup. 2013. *Style: Lessons in Clarity and Grace*. 11th ed. Boston: Longman.
Williams, J. M., and J. Bizup. 2014. *Style: The Basics of Clarity and Grace*. 5th ed. Boston: Longman.
Wilson, J. R. 2002. "Responsible Authorship and Peer Review." *Science and Engineering Ethics* 8 (2): 155–174. http://www.ise.ncsu.edu/jwilson/files/wilson02see.pdf.
Yang, J. T. 1995. *An Outline of Scientific Writing: For Researchers with English as a Foreign Language*. Singapore: World Scientific.
Zinsser, W. 2006. *On Writing Well: The Classic Guide to Writing Nonfiction*. 7th ed. New York: HarperCollins Publishers.

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