GUIDELINES FOR CHAPTERS SUBMISSION

Please adhere to the following guidelines for chapters submission:

- **IMPORTANT DATE:** September 30th, 2005. Full chapter due

- Please note that the final version of the chapter must be prepared in Microsoft Word (as Word Document). We are very sorry about LaTeX users, but due to Editorial constraints, we cannot acceptance this file format.

- The format of your file must be IBM Word or RTF text. LaTeX files cannot be accepted because they are not compatible with our typesetting program. Manuscripts must be typewritten in English on white paper, one side only, double-spaced throughout, and include at least one inch (2.5 cm) of margin on all sides. The cover page should contain the paper title, and the name, affiliation, address, phone number, fax number, and email address of each author. The second page should start with the paper title at the top and be immediately followed by the abstract. The abstract of 100-150 words should clearly summarize the objectives and content of the manuscript.

  - The text of your chapter should be edited for proper use of English language with clear, concise sentences. Proofread the copy for typographical, grammar and spelling errors or obtain the assistance of a professional copyeditor.

  - All text should be double-spaced, left justified in 12-point Times or Times Roman type. Please put all primary section titles in UPPER CASE letters and subheading in both Upper and Lower Case letters. Do not number your titles (for example, 1.0 Introduction; 2.0 Background). Do not use the tab key to indent text such as paragraphs of quotes or lists because the page layout program overrides your left margin with its own, and the tabs end up in mid-sentence.

  - Extension: The introductory chapter will contain approximately 40 pages, and the rest of the chapters a maximum of 30 APA format pages on A4 size page, double spaced, 12 Times New Roman font. However, if you need more than 30 pages, please contact the editors immediately.

  - Citations must adhere to APA format instructions, which are available in the web:

    http://www.psywww.com/resource/apacrib.htm
    http://webster.commnet.edu/apa/index.htm

    You can also use some commercial plug-in programs such as ProCite (http://www.procite.com/) to include references more easily in a word document.

    APA (American Psychological Association) style should be followed for the references. References should relate only to material cited within the manuscript and be listed in alphabetical order, including author's name, complete title of the cited work, title of the source, volume, issue, year of publication, and pages cited. When you use the source in the text, author's name and year of publication should appear (Ex., Travers, 1995). Please do not include any abbreviations. See the following examples:

    Example 1: Single author periodical publication.
    Smith, A.J. (1993). Databases and organizations. Database Ideology Review. 16(2), 1-15.

    Example 2: Multiple authors periodical publication.
    Smith, A.J., & Brown, CJ. (1991). Organizations and Database Management. Data Source, 10(4), 77-88.

Example 3: Books:
Smith, A.J. (1989). Database Booklet. New York: J.J. Press.

State author's name and year of publication where you use the source in the text.
See the following examples:

Example 1: In most organizations, data resources are considered to be a major resource (Brown, 1992; Smith, 1993).
Example 2: Brown (1989) states that the value of data is recognized by most organizations.

The author's name, date of publication, and the page(s) on which the quotation appears in the original text should follow direct quotations of another author's work.

Example 1: Brown (1989) states "the value of data is realized by most organizations" (p. 45).
Example 2: "In most organizations, data resources are considered to be a major organization asset" (Smith, 1993, pp. 35-36) and must be carefully monitored by the senior management.

- If your paper includes figures and tables, they should be submitted in camera ready format. Sometimes in converting to the page layout program, figures & tables become distorted. Please make the figures and tables in conservative sizes. The printable-page size (the image area) of this IGI publication is 4 1/2" x 7 1/4" so DO NOT submit figures or tables that are larger than this because during reduction, details are often lost or type becomes so small that it is hard to read in the printed book. Be advised, if your figures look blurred or unreadable in your Word copy of your manuscript, this is how they will look in the final typeset version of the book. So please be sure to send high quality images, saved at a 112 dpi minimum setting. If the figures are embedded in the Word document please also include as a separate tif, jpeg, eps or gif file.

- We hereby encourage all the tentative authors to follow the standard notation in:

  Nello Cristianini and John Shawe-Taylor.
  "An Introduction to Support Vector Machines."
  Cambridge University Press, Cambridge, UK, 2000.

  John Shawe-Taylor & Nello Cristianini
  Kernel Methods for Pattern Analysis
  Cambridge University Press, 2004

  when writing your manuscripts.

  This is strictly necessary in order to get a manuscript as much consistent as possible.

- *Recommendations* for writing the chapter:

  1. A brief abstract commenting the structure and aim of the chapter is mandatory.

  2. The introduction should provide the reader with the literature review of the specific field of application of kernel methods. In addition, it should motivate the use of kernel machines and introduce the advantages of the proposed methods. An important suggestion for the authors is to refrain as much as possible of introducing the well-known formulation of support vector machines in each chapter. Please note that the first introductory chapter is devoted to introducing the necessary notation and concepts of kernel machines.

3. The section(s) devoted to present the algorithms and methods proposed should be clear. At this point, we would like to note that the main focus of the book is to illustrate the utility, adaptation, and constraints of kernel methods in different application fields. The final goal is to illustrate through application examples how the community has adapted the formulation of kernel machines to a given real-life problem. Therefore, it is not only important a brief literature revision in the specific field of application, but also to provide novel formulations, and illustrative practical issues.

4. The results section should be clear and reproducible, with tables and figures showing illustrative, comparative cases. Avoid redundancy and give as far as possible additional material. We encourage the authors to provide source code, supplementary material, datasets, links to longer papers, and as much information as possible for the application of a given method in a given field. Please keep in mind that potential readers expect as much information as possible to develop their own applications.

5. The conclusion should summarize the results, the main advantages and disadvantages, contrast with other methods, and propose further research directions and opportunities.

▪ *Some hints for LaTeX users:*

   o Due to the production process, the editorial cannot accept LaTex files. In these lines, I provide you with some help to translate your tex files into word. Especifically, only two key issues are treated: equations and references.
      ▪ Equations.
         • A good possibility to circumvent working directly under MSWord is to translate your LaTeX material to html with the package latex2html that you can find in www.ctan.org. The equations are transformed into GIF images that can be inserted into the word document.
         • Another possibility is to copy+paste equations from a pdf file. In this case, you should be sure about the resolution of images before paste them. This can be ensured by always copying the image at a given zoom of the pdf file, e.g. at 800%.
         • A refined way of translating the tex files into word is the software tex2word and word2tex (http://www.chikrii.com/), which needs Design Science MathType installed (version 4 or later) to work. These are commercial programs and thus it requires a licensed version of the software.
      ▪ References.
         • As in the case of equations, one can work in LaTeX and then copy+paste the reference list (using apacite.bst) to the word file.
         • Another possibility is to work in MSWord directly and handle your bibliography database with Procite (www.procite.com) or EndNote (http://www.endnote.com/). Once again, note that these are commercial programs and thus the it requires a licensed version of the software.

Thank you very much for the effort!