

**Guidelines for the Manuscript Preparation for the  
5<sup>th</sup> International Conference on Hot-Wire CVD (Cat-CVD) Process**

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**Abstract**

This paper contains instructions for preparing your manuscript for the 5<sup>th</sup> International Conference on Hot-Wire CVD (Cat-CVD) Process, which will be published in a special edition of Thin Solid Films. Please send a pdf of your paper to [hwcvd5@gmail.com](mailto:hwcvd5@gmail.com). The name of the file should be the that of the corresponding author followed by the day of the presentation (Wed, Thurs, Fri, Sat, or Sun) followed by the type of presentation (invited, contributes oral, poster). Example file names are “Gleason Thursday poster.pdf” are “Mahan invited Wed.pdf”. See Table 1 for a timeline of the manuscript submission and life cycle with action due dates for authors highlighted. Please follow these guidelines exactly. Each paper should have a concise and factual abstract of ~100 words. The abstract should state briefly the purpose of the research, the

principal results and the major conclusions. As the abstract is often presented separate from the article, it must be able to stand alone.

## **Keywords**

### Instructions, Guidelines, Manuscript

Authors are requested to supply a maximum of eight keywords, preferably, but not necessarily, selected from the structured Suggested Keyword List of Thin Solid Films and to list them below the abstract. Examples of keywords used by the papers from the previous conference include Catalytic chemical vapor deposition; Silicon wafer; Gallium arsenide wafer; Low temperature epitaxial growth; Etching; Catalytic CVD; Surface modification; Oxidation; Hot-wire deposition; Amorphous materials; Deposition process; Solar cells; Heterostructures. Link to this suggested keyword list is available from <http://www.elsevier.com/locate/tsf> in the electronic version of the Instructions to authors located in the *Guide to authors*. Please note that if authors believe an important keyword is not listed, they can use unlisted keywords of their own knowledge of the field.

## **Main Text**

Please adhere to the following order:

Title, Authors, Affiliations, Abstract, Keywords (as illustrated above)

Main text

Introduction

Experimental Details

Results

Discussion

Acknowledgements

Appendix

References

List of table and figure captions

Tables

Figures

Some flexibility of presentation of the main text will be allowed but the authors are urged to arrange the subject matter clearly under such headings as Introduction, Experimental Details, Results, Discussion, etc. For example combining Results and Discussion into one heading, use of subsections, etc. The sections and subsections should be numbered 1., 1.1, ..., 2., ...

Use SI units.

## **1. Manuscript preparation**

### **1.1. Manuscript format**

Copies of the manuscript should be submitted in double-spaced 12-pt serif font (e.g. New Times Roman) on single-column, single sided, numbered pages of uniform size with a wide (3 cm) margin on the left and bottom. Leave a blank line between each paragraph. This document is formatted with the same requirements as an example of how to prepare your final manuscript.

### **1.2. Manuscript length**

Your manuscript should be limited to 4 pages for contributed papers and 6 for invited papers. As a guideline, 850 words for full two-column page (single spaced) and four illustrations per page

may be used to calculate its length (i.e., 1/4 page per figure/table). NOTE: this manuscript is longer than the average double-spaced conference handout.

## **2. Language**

Papers will be published in either American or British English. It is expected that authors submit carefully written and proofread material meeting the standards of scientific publication. It is recommended that non-English speaking authors have their work edited and proofread by someone fluent in English before submission of their paper

## **3. Bibliographic references and notes**

References should be numbered consecutively (numerals in square brackets) throughout the text and collected together with the footnotes in a reference list at the end of the paper. In the text, references are noted by on-line Arabic numerals in square brackets as in: "Smith and Roberts [1] measured..." These reference indicators should be one space from words and inside punctuation: "... some previous work [1,3,5-7]." Avoid references that are not in readily accessible reports.

List all authors; use first name initials and last name(s) only. Journal titles should be abbreviated according to the Chemical Abstracts Service Source Index (<http://www.cas.org/sent.html>). Leave a blank line between each entry in the list of references. See the reference section for examples of how to format references from various sources.

#### **4. Illustrations (Figures and Tables)**

In the copy to be used for the review process, present tables and figures at the end of the manuscript, after the list of table and figure captions. Do not embed figures in the text.

All tables and illustrations should be numbered consecutively throughout the paper using Arabic numerals. (Examples: Fig. 1. and Table 1). Table and figure captions must be submitted with the manuscript in a separate list and on a separate sheet.

Illustrations must fit a one- or two-column format (8.25 or 17.75 cm overall width) on the journal page, the one-column format being preferred. Make sure to use uniform lettering and sizing of your original artwork. It is preferred you use a sans serif font (e.g., Arial) in your figures. Please submit the line drawings in the actual size. Original illustrations that do not need to be reduced will yield the best quality. Once reduced, all characters within an illustration should be at least 1.5 mm height. All lines should be at least 0.5 pt. Ensure that nothing is hand-drawn or hand-labeled in your figures. Compare Fig. 1 to Fig. 2 to see the contrast between an acceptable (clean) figure and an unacceptable (cluttered) figure.

For micrographs and other photographs, please provide glossy prints clearly identified on the back with the figure number.

#### **5. Color illustrations**

Photographs should be submitted as clear black-and white prints on glossy paper. However, illustrations can be printed in color when they are judged by the Editor to be essential to the presentation. The publisher and author will each bear part of the extra costs involved. The

charge to be passed on to authors of articles containing color figures in the printed version is EUR 635 for the first page containing color and EUR 317 for each additional page containing color (prices are subject to change). Upon acceptance of your paper, the publisher will send a consent form to the corresponding author. If you know at this stage that you do not wish color reproduction, please provide suitable black and white alternatives.

## **Acknowledgements**

The authors would like to thank Elsevier and the editor of Thin Solid Films for agreeing to publish our proceedings. This work was funded by XYZ.

## **Appendix**

### **"Accurate estimation of manuscript length"**

**Exclude** anything that is too large for discussion in the main text and is of limited interest to a general audience.

**Contributed Papers:** A normal manuscript, submitted in double-spaced 12 point serif font (this format) corresponds to a maximum of 14 pages, taking into account 6 pages for the text, 1 page for the references, 1 page for table and figure captions and 1 page per table or per single figure: so the longest normal paper can include 5 single figures and a small table;

**Invited Papers:** An invited manuscript, submitted in double-spaced 12 point serif font (this format) corresponds to a maximum of 20 pages, taking into account 9 pages for the text, 2 pages for the references (for a review paper), 1 page for table and figure captions and 1 page per table or per single figure: so the longest invited paper can include 7 single figures and 1 large table (or 8 single figures and 1 small table).

## References

### Journal papers sample references

1. D. Brandl, Ch. Schoppmann, Ch. Tomaschko, H. Voit, Thin Solid Films 242 (1995) 192.
2. A. Erdemir, C. Bindal, J. Pagan, P. Wilbur, Surf. Coat. Technol. 76/77 (1995) 559.
3. S. Auzary, K.F. Badawi, L. Bimbault, J. Rabier, R.J. Gaboriaud, P. Goudeau, J. Phys. III 7 (1997) 35 (in French).
4. S. Roberts, Thin Solid Films (to be published). if accepted for publication, provide a copy of the acceptance letter

### Electronic publications sample references

5. F. Yu, X.-S. Wu, Phys. Rev. Lett. 68 (1992) 2996. hep-th/9112009.

### Thesis (if available through a library) sample references

6. R. Ramesh, Ph.D. Thesis, College van Dekanen, University of Twente, The Netherlands, 1992.

### Monographs, edited books sample references

7. J.L. Vosson, W. Kern, Thin Films Processes, Academic Press, New-York NY, 1987.
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#### Conference Proceedings sample references

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12. J.J. Favier, D. Camel, in: B. Cockayne, J.H.C. Hogg, B. Lunn, P.J. Wright (Eds.), Crystal Growth 1986, Proceedings of the Eight International Conference on Crystal Growth, York, U.K., July 13-18, 1986, p. 50.

#### Patent sample references

13. H. Yamagishi, A. Hiroe, H. Nishio, K. Miki, K. Tsuge, Y. Tawada, U.S. Patent No. 5264710, 23 Nov. 1993.

#### Industrial reports and papers sample references

14. J. Cleveland, Spring Constant Update, Digital Instruments, Santa Barbara, CA, 1996. add web site address if available

#### For specific data sample references

15. O.S. Heavens, Optical Properties of Thin Solid Films, Dover, New-York, 1991, p. 46.
16. Powder Diffraction File, Joint Committee on Powder Diffraction Standards, ASTM, Philadelphia, PA, 1967, Card 4301027.

For unpublished results sample references

17. A. Roberts, S.M. Lanoix, unpublished if not accepted for publication, subject to editor's approbation
18. D. H. Smith, Physics Department, Chicago University, Chicago, U.S.A., private commun.

## **List of table and figure captions**

Table 1 Timeline, due date, and life cycle of manuscript submissions

Fig. 1 Example of a clean figure. Note how the eye is drawn to the data rather than the supporting information relative to Fig. 2.

Fig. 2 Example of a cluttered figure. Please avoid using dark grid lines, large keys, and excessive lettering. Long descriptions should go in the caption, not the figure.

**Table 1**

| <b>Month Day, Year</b> | <b>Description</b>   | <b>Action</b>  |
|------------------------|--|--|
| <u>June 19, 2008</u>   | Manuscripts due. Only manuscripts received by the deadline will be published.                      | Email pdf of manuscript to hwcvd5@gmail.com.   |
| August 1, 2008         | Referees must return reviewed manuscripts to Chief Editor*.  |  |
| August 8, 2008         | Chief Editor* returns refereed manuscripts (Scientific corrections) to authors.                    |  |
| <u>August 20, 2008</u> | Corrected manuscripts (scientific corrections only) due at conference to Chief Editor*.            | Authors must appropriately incorporate scientific changes recommended by referees into a corrected manuscript. |
| August 24, 2008        | Vice-Chief Editor** returns refereed manuscript (scientific + English corrections) to some authors |  |
| September 15, 2008     | Authors return corrected manuscripts (scientific + English corrections) to Chief Editor*.          | Authors must appropriately incorporate scientific and English changes into a corrected manuscript.             |
| September 30, 2008     | Chief Editor forwards complete manuscripts of the Proceedings to Elsevier.                         |  |

\* Chief Editor is Jean-Eric Bourée, Laboratoire de Physique des Interfaces et des Couches Minces, CNRS, Ecole Polytechnique, 91128 Palaiseau, France.

\*\*Vice-Chief Editor is A. Harv Mahan, National Renewable Energy Laboratory, 1617 Cole Blvd., Golden, CO 80401, USA.

Figure 1

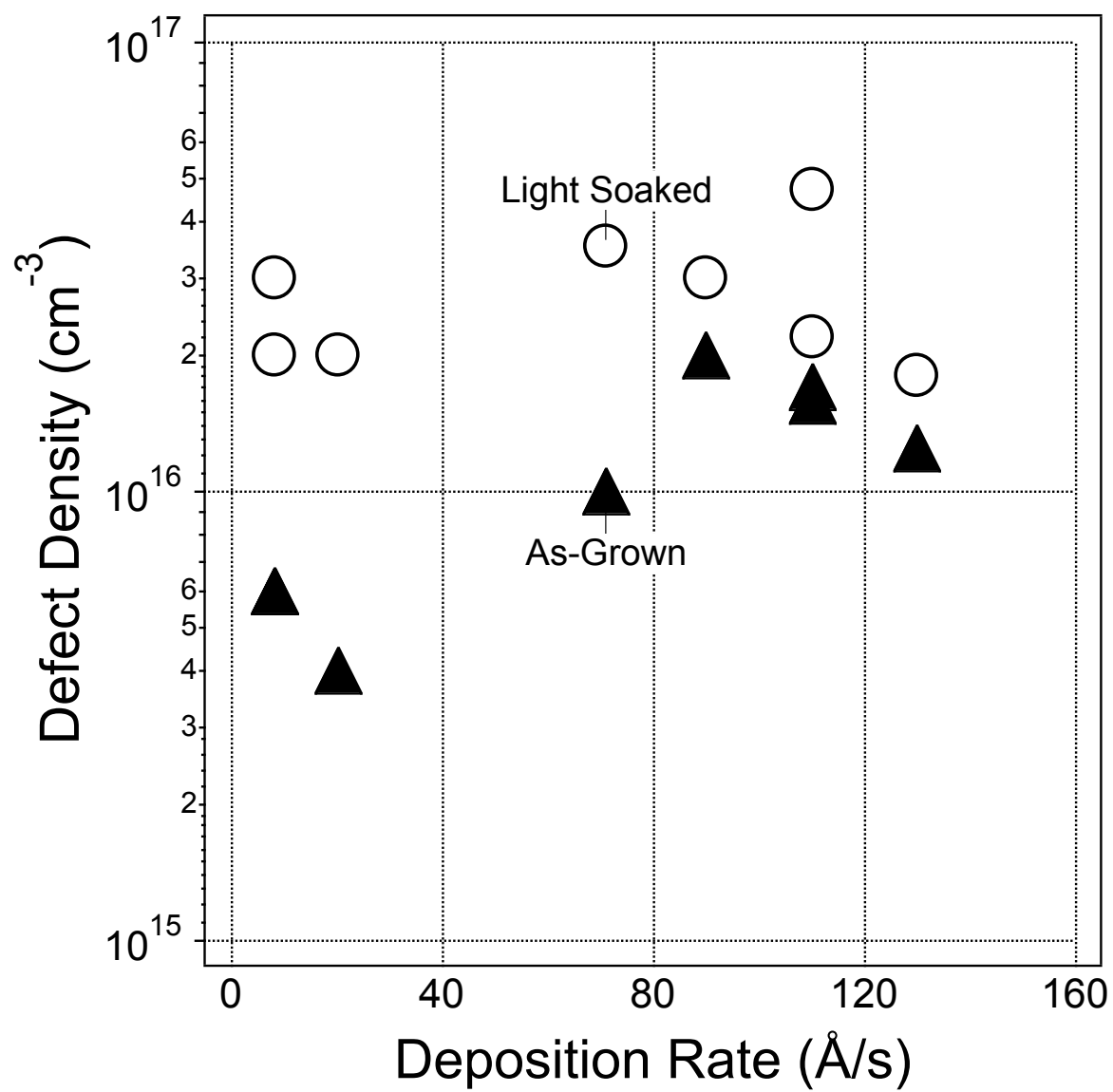


Figure 2

