

# Call for Papers / Guidelines for the Authors

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*PowerPlant Chemistry®*

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## INTRODUCTION

PowerPlant Chemistry® covers all aspects of power plant chemistry. Some examples in alphabetical order:

Analytics, Chemical Cleaning, Chemical Thermodynamics, Component Failures, Condensate Polishing, Cooling Water, Corrosion, Cycle Chemistry Guidelines, Cycling & Peaking, Deaeration, DeNO<sub>x</sub> and DeSO<sub>x</sub> Processes, Deposition, Flue Gas Cleaning, Fly Ash, Instrumentation, Layup, Physical Chemistry, Plant Cycle Chemistry, Sampling, Startup, Steam Chemistry, Troubleshooting, Wastewater Treatment, Water Treatment, and all other power plant chemistry-related topics.

PowerPlant Chemistry® is also interested in releases on new products, techniques, procedures, etc. Printing of releases is free for current advertisers (on a space available basis). Other parties: Please refer to the Advertisement Rate Card in our Media Information.

## PAPER SUBMISSION

All papers presented to PowerPlant Chemistry® must be submitted in English, exclusively in electronic format. Papers submitted in German will be published only in the original language on a space available basis.

Electronic submissions speed up the reviewing, editing, and production of your submission. The text, captions, and tables should be in Microsoft® Word. The figures should be embedded in the Word file and, in addition, submitted in separate \*.JPG, \*.TIF or \*.BMP files. Please also submit a PDF file of your paper for comparison.

Please prepare papers for submission according to the following format specifications.

Paper size:	A4 or US Letter
Columns:	Single-columned
Margins:	2 cm or 0.8 inch
Font:	Ariel
Font size:	12 pt
Line spacing:	Single-spaced (1)
Paragraphs:	A single line between paragraphs, no indentation
Section headings:	Principle subhead (first level): Bold, upper case Second level: Bold, headline-style capitalization Third level: Bold, run into the paragraph
Footnotes:	Please avoid using footnotes.

The submission of a paper does not guarantee publication. All materials sent to PowerPlant Chemistry® may be subject to editing.

## PAPER REVIEW

At least one internationally recognized expert active in the area covered by the submitted scientific and technical paper will peer review the submitted paper. The reviewer's (reviewers') comments will be anonymously passed on to the author (main author). The author may decide whether he or she wants to improve his or her paper in accordance with the reviewer's (reviewers') recommendations. PowerPlant Chemistry GmbH reserves the right to refuse the publication of papers that have not been improved or whose refusal has been recommended by the reviewer(s).

Reports on utility experience are, as a rule, not subject of external reviews.

## COPYRIGHT

In submitting a paper, the author declares that he or she is entitled to deal (and is duly authorized by all coauthors to deal) with the copyright and transfers to PowerPlant Chemistry GmbH the entire interest in the copyright for the manuscript.

## TEXT

### Spelling

Spelling should be either consistently American or consistently British. Uppercase letters should only be used at the beginning of proper nouns. Abbreviations should only be used if very necessary – as with a long word combination like heat recovery steam generator (HRSG) – and explained with the first use.

### Author's (Authors') Names

Use full names of all authors, e.g., Kevin C. Miller, Karl-Heinz Strassenhauer, etc.

### Title of the Paper

Do not use very long titles. The maximum length of the title is twelve words.

### Abstract

An abstract of the paper summarizing the topic and conclusions (150 words maximum) appears at the beginning of the paper and on our homepage.

## Units

All units used have to be SI units; the latest rules of IU-PAP, IUPAC, ISO, etc. have to be followed. The use of other units is only possible as supplemental information and must be written in parentheses following the correct SI term.

## Mathematical and Chemical Equations

All equations used should be clear and understandable. They should be positioned on a separate line in the text and numbered. All symbols used should be explained in plaintext. In papers which contain more than 10 different symbols a separate list of notation defining all symbols used should appear at the beginning of the paper.

## FIGURES AND PHOTOGRAPHS

### Figures

Figures (drawings and charts) must be appropriate for reproduction in black and white. The standard width of the printed figure must be 8.75 cm (other sizes only as exceptions). Do not include too many details in a single figure. The captions of all figures should be included on a separate page of the text.

### Photographs

Photographs must have adequate resolution (300 dpi) and be appropriate for reproduction in black and white. The captions of all photographs should be included on a separate page of the text together with the captions of the figures.

### Printing of Figures and Photographs in Color

Printing of figures and photographs in color (four color offset printing process) is only possible if the author takes over the additional printing cost. Ask for details.

## TABLES

Tables should be simple; all columns have to include a column heading and units. The captions of all tables should be included on a separate page of the text together with the captions of the figures and photographs.

## REFERENCES

All references have to be complete and follow the following examples. The references have to be announced in the text or in the figure captions using squared brackets with the reference number.

Examples:

All relevant information on underdeposit boiler tube failure mechanisms is summarized in [14].

Figure 4: Dissolved iron, chromium and nickel concentrations during the plant trial clean [15].

## Books

Author's surname, initials, *Title of the Book (in italics)*, **year (in bold)**. Publisher, city and state or country of publishing.

Examples:

- [1] Simkine, V., Vance, C. P., *Physical Chemistry*, **1999**. United Publishers, Hockenheim, Germany.
- [2] Miller, S., Hooper, G., *Heat Recovery Steam Generators*, **2000**. Associated Press, Auckland, New Zealand.

## Periodicals

Author's surname, initials, *Journal (in italics)* **year (in bold)**, volume(issue), page (the first page of the article).

Examples:

- [3] Dooley, B., McNaughton, W. P., *PowerPlant Chemistry* **2000**, 2(12), 709.
- [4] Martynova, O. I., Mamet, V. A., Petrova, T. I., Samoilov, Yu. F., *Thermal Engineering* **1976**, 23(3), 43.

## Conference Proceedings

Author's surname, initials, Proc., *Title of the Conference (in italics)*, **year (in bold)** (venue/city and state or country). Conference organizer, city and state or country, order number, page (the first page of the paper).

Examples:

- [5] Juergensen, M., Sommer, D., Stellwag, B., Proc., *International Conference of Water Chemistry of Nuclear Reactor Systems 8*, **2000** (Bournemouth, United Kingdom). British Nuclear Energy Society, London, United Kingdom, 34.
- [6] Dooley, R. B., Pate, R., Proc., *Fourth International Conference on Cycle Chemistry in Fossil Boilers*, **1994** (Atlanta, GA). Electric Power Research Institute, Palo Alto, CA, EPRI TR-104502, I-1.

## Articles in Books or Edited Proceedings

Author's surname, initials, *Title of the Book (in italics)* or Proc., *Title of the Conference (in italics)*, **year (in bold)**. Publisher, city and state or country of publishing, order number, page (the first page of the paper).

The name of the editor (editors) has to appear in parentheses and in italics, following the book or proceedings title.

Examples:

- [7] Simonson, J. M., Palmer, D. A., *Interaction of Iron-Based Materials with Water and Steam (Eds.: B. Dooley, A. Bursik)*, **1992**. Electric Power Research Institute, Palo Alto, CA, EPRI TR-102101, 4-1.
- [8] Petr V., Kolovratnik M., *Physical Chemistry of Aqueous Systems: Meeting the Needs of Industry (Eds.: H. J. White, Jr., J. V. Sengers, D. B. Neumann, J. C. Belows)*, **1995**. Begell House, New York, NY, 703.

### Technical Reports

*Title of the Report (in italics)*, **year (in bold)**. Organization, city and state or country, order number.

Example:

[9] *PWR Primary Water Chemistry Guidelines, Revision 4*, **1999**. Electric Power Research Institute, Palo Alto, CA, EPRI TR-05714, V1.

### Private Communication

Person's full name and initials (affiliation), **year (in bold)**.

Example:

[10] John W. Brown (PowerPlant Chemistry GmbH, Neulussheim, Germany), **1999**.

### BIOGRAPHIES

Biographies of all authors appear at the end of the text. The biography should start with the full name of the respective author and his or her academic qualifications.

Example:

John B. Smith (B.S., Applied Chemistry, University of Auckland, New Zealand, Ph.D., Physical Chemistry, University of Glasgow, Scotland) is.....

The maximum length of a biography is 60–100 words.

### CORRESPONDING AUTHOR:

Each paper closes with a complete mailing and E-mail address of the author who is responsible for correspondence from and to our readers.

### MAILING

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