

MANUSCRIPT SUBMISSION

The right to publish your article in *HTM Journal of Heat Treatment and Materials* is exclusive. Articles that you submit may not have appeared in other publications. Authors should confirm this at the time of sending the manuscript.

The authors are also obliged to agree with the publisher on the publication of text and illustrations that are distributed within 12 months of their appearance in HTM. Both in the case of agreed publications within these 12 months and in the period thereafter, in which no explicit demand is required, a comprehensive citation of sources according to current scientific standards is of course expected

All papers are subject to peer review and will be published in English and German.

Manuscripts should be sent to the editors at the following address:

schicks@iwt-bremen.de

EDITORIAL OFFICE HTM

Prof. Dr.-Ing. habil. Rainer Fechte-Heinen (respons.)

Belinda Schicks

Leibniz Institute for Materials Engineering – IWT

Badgasteiner Str. 3

28359 Bremen

Germany

Phone +49 421 218-51336

schicks@iwt-bremen.de

MANUSCRIPT PREPARATION

Articles can be written in German or American English with a word processing program.

British English is also accepted. Authors should be consistent in their usage.

Please use the technical terms listed in the European Standard DIN EN ISO 4885:2018-07 „Eisenwerkstoffe – Wärmebehandlung – Begriffe“ (Ferrous materials – Heat treatments – Vocabulary (ISO 4885 : 2018); Matériaux ferreux – Traitements thermiques – Vocabulaire (ISO 4885 : 2018)), physical quantities are to be presented in international units as listed in DIN 1304 and DIN 1301 (SI units).

The text must be written as a continuous text with no manual returns and no automatic word division, line spacing to be one and a half.

The article should not exceed 6 printed pages in length. This corresponds to about 30 000 characters and 8 figures/illustrations.

Author(s): Academic degree, first name, last name, company/institute with company/institute name and location. Corresponding author with post address and email address

Title: The title of the article should be concise and informative (max. 50 characters). A subtitle is permissible. The name(s) of the author(s) with abbreviated first names have/has to be placed above the title.

Abstract: The text must include the most important prerequisite conditions, objectives and results of the work summarized in max. 12 lines – without abbreviations and literature references.

Keywords: Please provide at least 5 keywords for inclusion in the annual index.

Text: A numbered structure (example: 1 Introduction – 2 Schedule of experiments – 3 Experiments – 4 Results – 5 Conclusions – 6 Summary) is required.

Subheadings are to be identified clearly or numbered. Underlining in the text body is to be avoided.

In mathematical equations that are not created using the formula editor, ensure that characters cannot be misinterpreted (e. g. o, 0, 0 or 1, l, l). Equations should be identified by numbers in parentheses in the right margin and be numbered in sequence. Formula symbols and indices used are to be explained in the manuscript. Only the international units of measure listed in DIN 1301 may be used.

Abbreviations should be generally avoided.

Use of company names and/or company-owned tradenames in the text is to be avoided.

Acknowledgements: In the case of a work that has received public funding, an acknowledgement should be made according to the specifications of the funding agency at the end of the text and before the bibliography.

FIGURES/ILLUSTRATIONS

Please submit figures/illustrations and tables as separate files (not integrated in MS Office Applications). Figures/illustrations are to be numbered consecutively and mentioned in the text. Figure/table captions should be given at the end of the text (word document).

Figures and figure captions should also be understandable without reference to the text.

Grey-scale and color photos must have a resolution of 300 dpi for a reproduction width of 85 mm; line drawings/diagrams (graphs), a resolution of at least 1000 dpi. The preferred graphic formats are TIFF, JPG (highest quality), EPS and PDF.

We kindly ask for the delivery of images which correspond to the column width of 85 mm and in which the relation of image caption to text size seems to be appropriate.

The axes of graphs must be labeled, dimensions to be shown at the upper left and lower right between the numbers (German Standard DIN 461: „Graphische Darstellung in Koordinatensystemen“, Graphic Representation in Coordinate Systems).

Use consist and only essential labeling in graphs (remove all unnecessary text).

LITERATURE REFERENCES

Literature references to other papers, books, etc. should be numbered in sequence starting at the beginning of the article. Use square brackets (e. g. *Smith* [1], according to recent theories [2-7]) and list the reference by number in the reference list.

Only generally accessible sources may be used as literature references; in the case of a “personal communication“, the address/company/institute where the individual can be reached must be stated.

Articles from other periodicals are to be cited using the following sequence: Author(s): last name, abbreviated first name: Title of the article cited. Title of the periodical *volume* (year) issue number, page number(s), DOI:

Example: Hornig, N.; Rose, A.; Fritsching, U.; von Hehl, A.: Controlled Quenching of aluminum components by spray cooling. *HTM J. Heat Treatm. Mat.* 68 (2013) 4, pp. 179-187, DOI: 10.3139/105.110194

If available, DOI (digital object identifier) numbers should be added to references. Papers published in HTM will be given a DOI from February 2014. For more information, see <http://www.doi.org/> and to look up DOIs go to, e.g. <http://www.crossref.org/guestquery/>

All authors who contributed to the article must be listed. (Hornig et al., for instance, can be used only when cited within the text.)

When citing books, the author, title, publisher, place of publication and year, together with the referenced page(s) must be listed (in this sequence!).

In the case of patents, in addition to the country, the patent number and the date filed, the inventor(s) and applicant are to be stated.

Internet pages are only temporarily available and thus should not be cited.

We request that the author(s) check the literature reference carefully in the final version of the manuscript.

AUTHOR(S)

Academic degree, first name, last name, company/institute with company/institute name and location.

Corrections

The author receives a galley proof as a PDF file and a publisher form. A printout of this proof with corrections (complying with DIN 16 511) and a signed release granting the right to print the article must be returned to the editors. Please correct only printing errors and avoid making subsequent changes to the composed text. Proofs are relevant only with respect to the composed type, not for the quality of paper or printing.

BOARD OF REVIEWERS

Prof. Dr.-Ing. F. Balle, INATECH, EFM, Universität Freiburg (DE)
Prof. Dr. D. Eifler, TU Kaiserslautern (DE)
Dr. J. Epp, Leibniz-IWT Bremen (DE)
Prof. Dr. U. Fritsching, Leibniz-IWT Bremen (DE)
Prof. Dr. F. Hoffmann, Bremen (DE)
Dr. St. Hoppe, Federal Mogul, Burscheid (DE)
Prof. Dr. B. Karpuschewski, Leibniz-IWT Bremen (DE)
M.Sc., M.Eng. Y. Lingelbach, Robert Bosch GmbH, Stuttgart (DE)
Dr.-Ing. Th. Lübben, Leibniz-IWT Bremen (DE)
Prof. Dr. L. Mädler, Leibniz-IWT Bremen (DE)
Prof. Dr.-Ing. T. Niendorf, Universität Kassel (DE)
Prof. Dr. P. Mayr, Osterholz-Scharmbeck (DE)
Dr. Eng. Dr. habil. E. Rolinski, Advanced Heat Treat Corp., Monroe (USA)
Dipl.-Ing. Wolfram Schmid, Stuttgart (DE)
Prof. Dr. V. Schulze, KIT Karlsruhe (DE)
Dr. J. Slycke, Bilthoven (NL)
Dr. F. Stahl, Dörrenberg, Runderoth (DE)
Prof. Dr. W. Theisen, Ruhr-Universität Bochum (DE)
Prof. Dr. R. Schneider, University of Applied Sciences Upper Austria, Wels (A)
Prof. Dr. J. Grum, University Ljubljana (SI)
Dr. L. Ferguson, Dante Solutions, Inc., Cleveland, OH (USA)
Prof. Dr. E. A. Tekkaya, TU Dortmund (DE)
Prof. Dr. T. Hosenfeldt, Schaeffler, Herzogenaurach (DE)
Dr. I. Felde, Óbuda University, Budapest (HUN)
Prof. Dr. C. Escher, Dörrenberg Edelstahl, Runderoth (DE)
Prof. Dr. T. Lampke, TU Chemnitz (DE)
Prof. Dr. F. Walther, TU Dortmund (DE)
Dr.-Ing. Karen Pantleon, Technical University of Denmark (DK)
Dr. Anja Buchwalder, TU Bergakademie Freiberg (DE)