

## **General information**

It is essential for us that authors write and prepare their manuscripts according to the instructions and specifications listed below. Therefore, authors are strongly encouraged to read these instructions carefully before preparing a manuscript for submission.

Archives of Mining Sciences (AMS) is concerned with original research, new developments and case studies in all fields of mining sciences which include:

- mining technologies,
- stability of mine workings,
- rock mechanics,
- geotechnical engineering and tunnelling,
- mineral processing,
- mining and engineering geology,
- mining geophysics,
- mining geodesy
- ventilation systems,
- environmental protection in mining,
- economical aspects in mining,
- mining machine science.

Papers are welcomed on all relevant topics and especially on theoretical developments, analytical methods, numerical methods, rock testing, site investigation, and case studies.

AMS publishes research and review articles, technical notes.

Papers suitable for publication in AMS are those which:

- contain original work - the main result is not published elsewhere neither by the authors nor somebody else, and is not currently under consideration for publication in any other journal,
- are focused on the core aims and scope of the journal,
- are clearly and correctly written in English.

Authors are required to contribute to the cost of publication – publication charge 1000 PLN or 250 Euro. There is no submission charge.

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All submissions must be made electronically via Editorial System  
<https://www.editorialsystem.com/editor/amsc/articles/list/?qt=NEW>

### **Language**

The papers should be written in English.

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The research and review articles may not exceed 16 typewritten pages, technical notes -10 pages, format A4 including figures and tables.

### **Format**

The initial submission should be sent as Microsoft Word (Arial, 12 points, line spacing - 1,5) or pdf file with all drawings, pictures and tables placed in the text.

After acceptance the text (in Microsoft Word), figures and tables should be sent as separate files.

## Layout of the manuscript

First and last name(s) of the author(s), title of the article, abstract, keywords, methodology and introduction to the topics, results, conclusions, acknowledgements and references. The subtitles should conform to the decimal system of numbering.

## Abstracts

The abstract should briefly summarize the most important results reported in the paper (up to 200 words).

Keywords. 4-6 keywords

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Formulae should be prepared with Microsoft Equation, written clearly with distinct notation of upper and lower indices and parentheses, maintaining a uniform numbering.

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Tables should be prepared as separate file in Microsoft Word format.

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If possible, the figures should be prepared with a vector graphics software (cdr, wmf, ai or dxf formats) or as eps, jpg, bmp (figures width no greater than 13.5 cm). Use Arial font for the comments on drawings in size 6-10 points. The photographs should be converted to high resolution scans in \*.jpg or \*.tiff format. Figures should be submitted as separate files.

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References should be typed on separate pages and numbered consecutively applying the system accepted by the Quarterly (initials and names all authors, title of the article (obligatory), journal title [abbreviated according to the Journal Title Abbreviations of Web of Science: <http://library.caltech.edu/reference/abbreviations/> everyone abbreviation should be end with a dot - example. Arch. Metall. Mater.] or book title; journal volume or book publisher; page spread; publication year in bracket, full DOI number).

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## Samples

### Journals:

[1] L.B. Magalas, Development of High-Resolution Mechanical Spectroscopy, HRMS: Status and Perspectives. HRMS Coupled with a Laser Dilatometer. Arch. Metall. Mater. **60** (3), 2069-2076 (2015). DOI: <https://doi.org/10.1515/AMM-2015-0350>

[2] E. Pagounis, M.J. Szczerba, R. Chulist, M. Laufenberg, Large Magnetic Field-Induced Work output in a NiMgGa Seven-Layered Modulated Martensite. Appl. Phys. Lett. **107**, 152407 (2015). DOI: <https://doi.org/10.1063/1.4933303>

[3] H. Etschmaier, H. Torwesten, H. Eder, P. Hadley, Suppression of Interdiffusion in Copper/Tin thin Films. J. Mater. Eng. Perform. (2012).

DOI: <https://doi.org/10.1007/s11665-011-0090-2>.

**Books:**

- [4] K.U. Kainer (Ed.), Metal Matrix Composites, Wiley-VCH, Weinheim (2006).
- [5] K. Szacilowski, Infochemistry: Information Processing at the Nanoscale, Wiley (2012).
- [6] L. Reimer, H. Kohl, Transmission Electron Microscopy: Physics of Image Formation, Springer, New York (2008).

**Proceedings or chapter in books with editor(s):**

- [7] R. Major, P. Lacki, R. Kustosz, J. M. Lackner, Modelling of nanoindentation to simulate thin layer behavior, in: K. J. Kurzydłowski, B. Major, P. Zięba (Eds.), Foundation of Materials Design 2006, Research Signpost (2006).

**Internet resource:**

- [8] <https://www.nist.gov/programs-projects/crystallographic-databases>, accessed: 17.04.2017

Academic thesis (PhD, MSc):

- [9] T. Mitra, PhD thesis, Modeling of Burden Distribution in the Blast Furnace, Abo Akademi University, Turku/Abo, Finland (2016).

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