

### Publisher

Institute of Thermomechanics CAS, v.v.i.  
Czech Academy of Sciences

**Head of the Publisher:** Jiří Plešek

**Editor-in-Chief:** Ivo Doležel

### Editorial Board

Bernard Baron • Silesian University of Gliwice, Poland  
Pavel Chráska • Institute of Plasma Physics CAS, Czech Republic  
Miloš Drdác • Institute of Theoretical and Applied Mechanics CAS, Czech Republic  
Petr Filip • Institute of Hydrodynamics CAS, Czech Republic  
Arun K. Gupta • M. S. College, Saharanpur, India  
Zbyněk Jaňour • Institute of Thermomechanics CAS, Czech Republic  
Pavel Karban • University of West Bohemia, Czech Republic  
Dobroslav Kováč • Technical University of Košice, Slovakia  
Miklós Kuczmann • Széchenyi István University of Győr, Hungary  
Marian Pasko • Silesian University of Gliwice, Poland  
Jiří Plešek • Institute of Thermomechanics CAS, Czech Republic  
Jaromír Příhoda • Institute of Thermomechanics CAS, Czech Republic  
Josef Tlustý • Czech Technical University in Prague, Czech Republic  
Pavel Záskalický • Technical University of Košice, Slovakia

### Editorial Office

*Address:* Acta Technica  
Institute of Thermomechanics CAS, v.v.i.  
Dolejškova 5  
18200 Praha 8, Czech Republic

*E-mail:* journal@it.cas.cz *Phone:* +420 266052058 *Fax:* +420 286890433

**Home Page:** <http://journal.it.cas.cz/>

### Subscription Information

*Address:* Ivo Doležel  
Kolínská 19/1666  
13000 Praha 3

*E-mail:* dolezal@it.cas.cz *Phone:* +420 723248626

### Aim and Scope

Acta Technica (formerly Acta Technica CSAV) is a refereed international journal founded in 1956. It is devoted to presenting progress in electrical engineering, electronics, mechatronics, thermodynamics, hydromechanics, materials science and engineering, mechanics of solids and structures, plasma physics, and others, together with corresponding mathematical and computer tools. It also covers interdisciplinary, coupled and newly emerging problems (e.g. nanotechnology, bioelectromagnetics, etc.).

**Frequency:** Six times a year.

### Submission of Contributions

Only contributions satisfying the following requests can be accepted:

- original works not yet published and not being under consideration for publication elsewhere,
- relating the aim and scope of the journal,
- written in a sufficiently good English and sent electronically.

The reprint of the published paper together with the complete issue will be provided to each author in electronic form in PDF.

*Form of manuscript.* Any standard format of  $\text{\TeX}$  (preferable) or MS Word. Use double spacing, number the pages and indent paragraphs.

*Structure, style and notation.* Detailed instructions are presented at

[http://journal.it.cas.cz/author\\_guide.pdf](http://journal.it.cas.cz/author_guide.pdf)

Read them carefully before elaborating the manuscript.

*Figures.* Acceptable formats: PDF, PNG (recommended for line art) and JPEG (recommended for photographs). Use black-and-white or greyscale figures. Avoid using hair lines (problems with printing).

*Delivering the manuscripts.* Via e-mail to the editorial office (see the inside front cover). The Editor will confirm the acceptance to the corresponding author.

*Review stage.* Manuscripts are usually evaluated by two independent reviews. The referees' identities are not released.

*Proof stage.* Authors obtain proofs in PDF via e-mail to correct possible errors. Do not return a corrected manuscript but send a list of corrections by an e-mail message (e.g. as an attachment file).

*Copyright.* Before publishing the paper, the authors are asked by the Editor to sign transfer of the copyright to the Publisher.