

## Preparation of Papers for the 3rd National Congress on Physical Sciences

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**Abstract.** The abstract is one paragraph long (not an introduction) and complete in itself (no reference numbers). It should not exceed 200 words.

PACS codes: 98.80.-k, 04.50.Kd, 98.80.Jk

### 1 Text

The name of the author supposed to give the talk is underlined by `\author{ }{ }`, where the second argument is related to affiliation data.

Use SI (MKS) units. Use a small space to separate compound units, e.g., ‘A m<sup>2</sup>’ and the sign ‘/’ is preferred to exponent notation. Unit names are set in roman, not italic, type to distinguish them from variables.

The allowed depth of sectioning is 3, i.e. `\section{ }`, `\subsection{ }` and `\subsubsection{ }`.

### 2 Mathematics

Number the equations consecutively in Arabic numerals enclosed in parentheses in the right-hand margin. The symbols in the equation are defined before the equation appears, or immediately following it. In the text refer to equations ‘Eq. (1)’, except at the beginning of a sentence: ‘Equation (1) is ...’

### 3 Graphics, Figures, Tables

All figures, graphics and tables, and their captions, should be placed at the end of the paper. All they should be numbered with Arabic numerals in order their appearance in the text. The images format can be Joint Photographic Experts Group (.JPG), Encapsulated PostScript (.EPS), Tagged Image File Format (.TIFF), Portable Document Format (.PDF), or Portable Network Graphics

A. Firstauthor, B. Secondauthor, and so on

(.PNG). Colour and grey-scale figures should be at least 300dpi. Line art, including tables should be a minimum of 600dpi. In the text, refer to tables ‘Table 1’ and to figures ‘Figure 1’.

Short text descriptions are required above Tables and below Figures (graphics).

### 3.1 Figure axis labels

Use words rather than symbols. For example, write the quantity ‘Energy’ or ‘Energy,  $E$ ’, not just ‘ $E$ ’. Put units in parentheses. Figure labels should be legible, approximately 8 to 9 point type.

## 4 Conclusion

A conclusion may review the main points of the paper, might elaborate on the importance of the work or suggest applications and extensions. It is the last section of the paper to be numbered.

## 5 Appendix

An appendix, if needed, appears before the acknowledgements. If there is more than one appendix, they should be identified as A, B, etc.

## Acknowledgements

Write “Author thanks...”. Sponsor and financial support acknowledgments are also to be listed in the “acknowledgments” section.

## Citation & References

List and number all references at the end of the paper (The package `bjp.cls` uses the package `cite`). Corresponding numbers in square brackets inside the punctuation are used to cite references in the text [1], unless the citation is an integral part of the sentence (e.g., “It is shown in Ref. 2 that...”). For multiple citations, separate reference numbers with commas [4,5], or use a dash to show a range [6-8]. Reference citations in the text should be in numerical order. The following entries are intended:

## References

- [**Journal article with article title:**] A. Nabovati, D.P. Sellan, C.H. Amon (2011) On the lattice Boltzmann method for phonon transport. *J. Comput. Phys.* **230** 5864-5876.  
[**Journal article without article title:**] A. Nabovati, D.P. Sellan, C.H. Amon (2011) *J. Comput. Phys.* **230** 5864-5876.

### *Short Title*

- [**Books without editors:**] M.T. Landahl, E. Mollo-Christensen (1992) *Turbulence and Random Processes in Fluid Mechanics* (2nd ed.), Cambridge University Press: New York, pp. 10-14.
- [**Books with editors**] J. Almlof, O. Gropen (1996) *Relativistic Effects in Chemistry*. In *Reviews in Computational Chemistry*, Vol. 8; K.B. Lipkowitz, D.B. Boyd (Eds.), VCH: New York, pp. 206–210.
- [**Series publication cited as a book:**] J. Puls, B. Saake (2004) *Industrially Isolated Hemicelluloses*. In *Hemicelluloses: Science and Technology*; P. Gatenholm, M. Tenkanen (Eds.), ACS Symposium Series 864; American Chemical Society: Washington, DC, pp. 24–37.
- [**Proceedings:**] E. Garrone, P. Ugliengo (1989) *Structure and Reactivity of Surfaces*. In *Proceedings of the European Conference, Trieste, Italy, Sept 13–20, 1988*; A. Zecchina, G. Cost, C. Morterra (Eds.), Elsevier: Amsterdam.
- [**Meeting or conference:**] S. Tóth, A. Aszódi (2006) *Calculations of Coolant Flow in a VVER-440 Fuel Bundle with the Code ANSYS CFX 10.0*. Presented at *Workshop on Modeling and Measurements of Two-Phase Flows and Heat Transfer in Nuclear Fuel Assemblies*, Sept 13–20, 2006.
- [**Theses:**] H. Mäckel (2004) *Capturing the Spectra of Silicon Solar Cells*. Ph.D. Thesis, The Australian National University.
- [**Patents:**] S.K. Sheem (2004) *Low-Cost Fiber Optic Pressure Sensor*. U.S. Patent 6,738,537, May 18, 2004.
- [**Online Periodicals published only electronically:**] P.K. Romano (accessed Oct 13, 2013) *The OpenMC Monte Carlo Code -- OpenMC Documentation*. <http://mit-cprg-github.io/openmc>.
- [**CD-ROMs and DVDs:**] S.A. Fleming, A.W. Jensen (2015) *Substituent Effects on the Photocleavage of Benzyl–Sulfur Bonds*. In *Proceedings of the 2nd Bulgarian National Congress on Physical Sciences, Sofia, Bulgaria, Sept. 19-25, 2014*; Mishonov T.M. (Ed.), [DVD] Heron Press: Sofia