Template for contributions to the proceedings of the NTSE-2016 conference

First Author[a,b,c], **I. I. Author**[c,d] **and Third C. Author**[d]

[a] *The first address*
[b] *The second address*
[c] *The third address*
[d] *The fourth address*

Abstract

Please insert here the abstract of your contribution. The Publishing House requires also that each contribution has a list of respective keywords. Therefore please provide your keywords below the Abstract as is shown here.

Keywords: *The first keyword; the second keyword; etc.*

1 Introduction

This is the LaTeX template for preparation contributions to the Proceedings of the International Conference "Nuclear Theory in the Supercomputing Era" (NTSE-2016) hosted by Pacific National University (Khabarovsk, Russia) on September 19–23, 2016.

Please email the LaTeX file of your contribution together with eps figures to the conference email address `ntse-2016@nucl-th.sinp.msu.ru` no later than **Thursday, December 22, 2016.**

Page limits: We do not have page limits. However, in case you would like to submit a large contribution, say, more than 30 pages, please contact the Organizing Committee at `ntse-2016@nucl-th.sinp.msu.ru` as soon as possible.

2 Preparation of contributions

Please use the LaTeX class `article` with option `twoside` and the NTSE-2016 style file `Proc_NTSE_16.sty`, i. e., put at the beginning of your LaTeX file

```
\documentclass[twoside]{article}
\usepackage{Proc_NTSE_16}
```

as is done in this LaTeX template file `template_proc_NTSE.tex`. Put the file `Proc_NTSE_16.sty` in the same folder with the LaTeX file of your contribution. Please

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http://www.ntse-2016.khb.ru/Proc/myfilename.pdf.

use the commands `\thispagestyle{plain}` and `\publref{myfilename}` just after `\begin{document}` to print the reference to your proceedings contribution at the bottom of the page where `myfilename` should be replaced by the name of your LaTeX file (e. g., use the command `\publref{Johns}` if the LaTeX file of your contribution called `Johns.tex`).

This LaTeX template file gives an example of the style of preparation of the title of your contribution, of the list of authors and their addresses. Please use lowercase superscript letters ^{a}, ^{b}, ^{c}, etc., to bind the authors with their addresses. Avoid using these superscripts in case of a single author or when all coauthors have the same affiliation(s); start each affiliation from a new line.

We kindly ask you to provide an `abstract` and `keywords` — this is the requirement of the Publishing House.

Please define running titles which will appear on top of pages of your contribution. Each running title should fit one line. The first running title should be the list of authors (you can list all authors or define it as *First Author et al.*); the second running title should be the (short) title of your contribution. The running titles are defined by the command `\markboth`. For example, the running title in this template is defined by the command:

```
\markboth{First Author, I. I. Author and Third C. Author}
{NTSE-2016 conference template}
```

Use standard LaTeX tools to prepare your contribution. For example, you can split your paper into sections, subsections, etc., using the commands

```
\section{Your section title}
\subsection{Your subsection title}
```

which produce:

3 Your section title

3.1 Your subsection title

Use environments `equation` and `$$` to prepare numbered or unnumbered equations, for example, the following lines in the LaTeX file

```
\begin{equation}
a^2+b^2=c^2
\label{eq1}
\end{equation}
and
$$
a^2+b^2+c^2=R^2.
$$
```

produce:

$$a^2 + b^2 = c^2 \tag{1}$$

and

$$a^2 + b^2 + c^2 = R^2.$$

Table 1: This is the text of the table caption.

first	second	third
number	number	number
number	number	number

You can use the commands `\label` and `\ref` to refer to labelled equations, figures, tables, sections, etc. For example, the string in your `.tex` file

```
See Eq. (\ref{eq1})
```

produce

See Eq. (1)

in the output.

Please use the standard LaTeX environment `thebibliography` as in this LaTeX template file. Use the command `\bibitem` to create each entry in the reference list and the command `\cite` to cite the references. For example, the following lines in a LaTeX file

```
See the references below for the style of referring a journal paper
(see Ref. \cite{Ref1}), a conference proceeding \cite{Ref2}
or a book \cite{Ref3}.
```

produce:

See the list of references below for the style of referring a journal paper (see Ref. [1]), a conference proceeding [2] or a book [3].

Note, `Ref1`, `Ref2` and `Ref3` are the arguments of the `\bibitem` commands used in the `thebibliography` environment. For example, the third reference was prepared by the command

```
\bibitem{Ref3} R. G. Newton, {\em Scattering theory of waves and
particles,  2nd. ed.} Springer-Verlag, New York, 1982.
```

Please email us the eps files of your figures together with the LaTeX file of your contribution. Include the figures in the LaTeX file using the standard LaTeX `figure` environment and the `\includegraphics` command of the `graphicx` package. Prepare the figure captions using the `\caption` command of the `figure` environment. Place the caption below the graph. See Fig. 1 in this template LaTeX file for an example of including figures in the text of your contribution.

To produce a table, use standard LaTeX `table` and `tabular` environments. Prepare the table caption using the `\caption` command and place it above the table. See Table 1 in this template LaTeX file for an example of preparing tables and including them in the text of your contribution.

Please do not hesitate to contact us if you have any questions, just email you questions to `ntse-2016@nucl-th.sinp.msu.ru`.

Figure 1: This is the text of the figure caption.

References

[1] P. Maris, J. P. Vary and A. M. Shirokov, Phys. Rev. C **79**, 014308 (2009).

[2] A. M. Shirokov, J. P. Vary and P. Maris, in *Proc. 27th Int. Workshop Nucl. Theory, Rila Mountains, Bulgaria, 23–28 June, 2008*, edited by S. Dimitrova. Bulgarian Academy of Science, 2008, p. 205.

[3] R. G. Newton, *Scattering theory of waves and particles, 2nd. ed.* Springer-Verlag, New York, 1982.