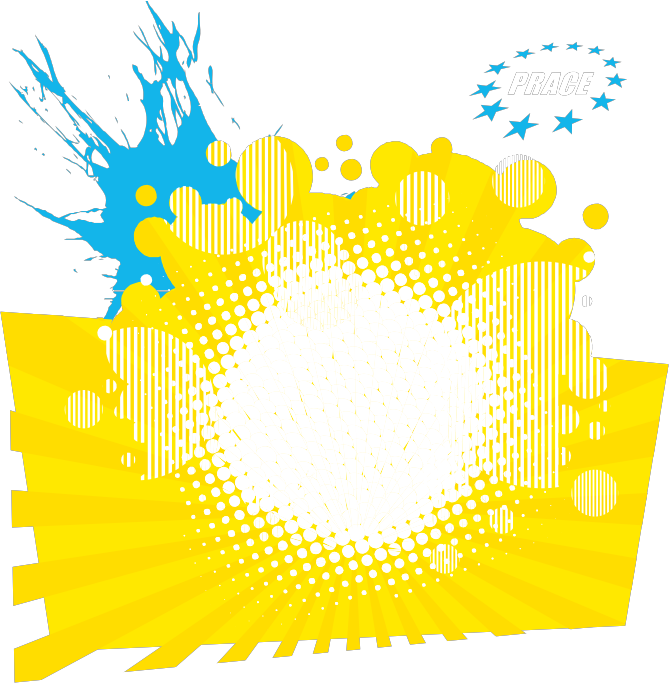
Long Title Describing Short Title can

Consist of up to 3 lines





Short Title for SoHPC

***Leon Kos***

Describe motivation of the project and main results in an abstract like manner. The size of this description should not be large. Several lines will do the job of attracting readers. It can state some highlights of the project.

his template is used for PRACE Summer of HPC project newsletter report in popular science format that should

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be 2-3 pages long with graphics. The target audience is an educated adult, without scientific education in the field of the project. The report should con-

tain a title, abstract, references and acknowledgements. The report should cover an introduction, methods, results and conclusions but does not have to contain these as section headings. Tone should be more informal than a journal article. Your enthusiasm should show. You can use your blog posts as a ba- sis for this report. Graphics should be your own. Short title should be just few words. Highlight word or two to give some separation within the short title. Long name preceding short title is not necessarily the title of your project as facts about the projects, mentors and the author(s) are given at the end. Usu-

ally in magazines no two articles are the same in terms of formatting. You are free to do figure positioning and column spans. Bear in mind that with multiple columns spanning in LATEXis non-trivial. At the end articles will be redesigned anyway.

So, it is better to concen- trate on the content. Exam- ple nearby shows how can wrapfig be used for span- ning into two columns. Don’t be afraid of large screenshots.

To get an idea on the style take a look into PRACE digest, newslet- ter and other popular sci-

entific texts available on Internet. Google for writing popular scientific. For example: [http://awelu.srv. lu.se/genres-and-text-types/ writing-in-academic-genres/ popular-science-writing/](http://awelu.srv.lu.se/genres-and-text-types/writing-in-academic-genres/popular-science-writing/)

Paper format

Use A4 paper size with 10pt Char- ter (Georgia on MS) font. Text at the end and cap- tions should be 9pt. Short title Hel- vetica medium or light 45pt with 50pt spacing. Long title and Abstract 12pt. Margins should be 12mm everywhere. Other important dimensions:

**column separation** 10.0pt **column width** 169.74042pt **textwidth** 529.22128pt

For compiling LATEXit is recommended (if having troubles) to use latest TEXlive distribution. Use pdfLATEXinstead of classical LATEXas it outputs PDF directly, wraps URLs correctly and can include

PNG files directly. Do not use JPEG for screenshots! JPEG is for photos only. For sketching use [Inkscape](http://www.inkscape.org/).

General guidelines

*•* All articles should be in English.

*•* Articles should be a maximum of

3 pages.

*•* All articles should contain at least

2 images.

Who Am I writing for?

This article should be in the style of a popular science article. This means that is should be relatively simple to under- stand and entertaining. The audience is not specialists in the field in questions, but rather interested laypeople. Adapt your content to the level of general knowledge of an educated adult who is not a computer scientist or scientist in your field Let your enthusiasm for your project show! Explain terms well.

Use vivid language. Use illustrations, graphics and examples.

Formatting

Final formatting will consist of a three column article 2-3 pages long. Please follow the formatting in the templates. Please provide links to hi-res version of any images submitted.

Title

This should succinctly describe the con- tent of the article. Try and be descrip- tive. The title should be at the top of your first page and centred.

Content

The following is the suggested content of the article. You do not have to in- clude section heading to match, but should match the general flow and con- tent.

Author

Author’s names and institutional affili- ation at the end.

Abstract – What did I do - in brief

An abstract is a one-paragraph sum- mary of the entire article. It should describe the question/problem or re- search topic addressed in the project and the methods used to answer or ex- plore this area. It should highlight the important parts of the article. This is easiest to write once you have com- pleted the rest of the article. Include a sentence summarising the introduc- tion, methods, results and discussion section. The abstract should not con- tain citations. Equations should be avoided if possible. And not numbered if not referenced in text.

Introduction – What is the project?

The introduction should describe the question/problem/research area ad- dressed by the project and set the con- text for your work. It should explain why your project is an interesting or important. It should introduce the tech- niques and approach you used to com- plete the project.

Methods – How did I complete the project?

Briefly describe what was actually done. This should include more detail on techniques and approaches, with enough detail that an interested per- son could attempt to reproduce your work (You do not have to include ev- ery detail, but use citations to give the required background).

Results – What did I find out?

Focus on what worked! Outline the outcomes and results of your project Discussion & Conclusion

(What does that mean?) Explain your conclusions and your interpretation of your results. How did it compare to what was to be expected or previ- ous work? What implications does this have for other work?

References

(what work did I reference?)

Acknowledgements

(who helped me?) PRACE acknowl- edgement will be given together at the colophon. Site acknowledgement if re- quired. Other acknowledgement if re- quested.

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Project form

Will be given separately and will con- tain the following items:

Workplan

Please append and up-to-date work- plan outlining what you did week by week.

Appendices

(Extra information)

Tables and Figures

All tables and figures should be cap- tioned. All tables and figures should be put into context in the text. Give your main figure instead of SoHPC logo fig- ure nearby the title. Tables and figures should sequentially numbered. Make sure that there isn’t a page break in the middle. Acronyms, technical terms

Optional âA˘S¸

anything else you

Symbols, abbreviations and acronyms

**Figure 1:** Quickly explain the content of the

want to include, but not publish

Appendices (Compulsory) Award statement

Please append a paragraph stating why you think you should win

1. The HPC Ambassador Award.

2. The Best Visualisation Award.

should be defined the first time they are

used.

**Table 1:** Random table

Name

First name Last Name Grade

John Doe 7*.*5

Richard Miles 2

figure if you reference it in the text.

Section 1

Section names should not be to techni- cal. No numbering should be used. Sec- tions can be even questions for the text that follows. Section names can state the fact explained in continuation.

Large figures should be placed at top and can be combination of several sub-figures. With or without caption. Do not number figures if they are not referenced in text. Several sentences can be used to describe the figures.

Subsection 1

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*•* First item in a list

*•* Second item in a list

*•* Third item in a list

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Use citations as superscript1

lutely necessary.

PRACE SoHPCProject Title

[O](http://summerofhpc.prace-ri.eu/)fficial title of the project

PRACE SoHPCSite

Institution, Country

PRACE SoHPCAuthors

[Leon Kos](mailto:name@example.com), [association,] country

PRACE SoHPCMentor

if abso-

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*A*21 *A*22

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[Emma Hogan](mailto:summerofhpc@ichec.ie), ICHEC, Ireland Leon Kosphoto

PRACE SoHPCContact Name, Surname, Institution Phone: +12 324 4445 5556

E-mail: [leon.kos@lecad.fs.uni-lj.si](mailto:leon.kos@lecad.si)

PRACE SoHPCSoftware applied

Virtuoso

PRACE SoHPCMore Information

[www.virtouso.org](http://www.virtouso.org/)

PRACE SoHPCAcknowledgement

Write any requested acknowledgements or thanks here. Mentors should be asked for them too.

PRACE SoHPCReferences

1 Figueredo, A. J. and Wolf, P. S. A. (2009). Assorta- tive pairing and life history strategy - a cross-cultural study. *Human Nature*, 20:317–330.