abstract template for AN esb PERSPECTIVE TALK. place your title here (“title” style). Maximum 2 lines

Firstname Lastname (Name of the single author; use “Author” style)

Affiliation, Country (Enter the affiliation information; use “Affiliation” style):

María-Angeles is currently Associate Professor at the Department of Mechanical Engineering, University of Zaragoza. She obtained her PhD in Computational Mechanics at the University of Zaragoza in 2004. She was a post-doctoral fellow at the Trinity Centre of Bioengineering in 2004-2005 and at the École de Technologie Supérieure of the University of Quebec in 2007. She is a member of the Aragon Institute of Engineering Research. Her present research mainly focuses on Computational Modelling in Mechanobiology. She is an author of 20 publications in peer- reviewed journals, several chapter books and more than 80 Contributions to International and National Conferences.

# Headings use “Heading” style

Abstracts must comply with the format described below. The required text styles illustrated in this Microsoft WORD document must be used as a template for production of abstracts, by replacing the relevant text with your own. The easiest way to use this abstract form is by cutting and pasting unformatted text into each section to maintain the document’s present format. Symbols can be included where appropriate using the *Insert → Symbol* functionality in Word.

The abstract should include the following sections: Background, Recent Advances, Future Directions, References and Acknowledgments and a short (100 word) biography in the text box top right. The body text is Times New Roman, 10 point, single-spaced (“Normal” style). Include an empty line before each new section. Page layout is A4 portrait, 2 cm margins. The abstract should be compiled without changing the styles. Abstracts must not exceed one page (a word count of approximately 500 words).

Style modifications may lead to rejection without review.

# Background

Perspectives talks (PT) should be a ‘mini-keynote’ with focus on a cutting edge, coherent body of research. To ensure a good mix of PTs over the years please do not submit a PT if you already presented a PT at one of the past two ESB congresses. The background section should be a brief overview of the research area and the unanswered questions, bearing in mind the interdisciplinary nature of the ESB audience.

# Recent Advances

The recent advances should reflect mostly your own and your groups’s contribution to this field. The section can include published work from recent years to set the scene and then ‘hot off the press’ information. Avoid overlap with your ‘standard submission’ abstracts to ESB. Please note that your final decision about what to present (post acceptance) should take into account which other abstracts from your group were accepted, to avoid overlap.

# Future directions

The abstracts should be uploaded as PDF document through the conference website. Maximum size of the PDF file: 1 Mb. The PT talk is very competitive; if you are not awarded one this year please try again next year. PTs not accepted will not be offered a regular oral or poster slot as this should be a very different submission from a standard abstract. However, a PT submitting author is eligible to additionally submit a standard submission based on a single project.

# Figures

Please number figures and tables consecutively in the document. Figures should be embedded directly in the document. To reduce the size of your final abstract, it is possible to compress all images in the document by right-clicking on an image, choosing Format Picture, Compress and reducing all images in the document to printing resolution.



Figure 1: Figure captions are entered below the figures using the ‘Captions’ style. Do not include the same figure in a PT as in a standard abstract.

# References

1. Enter your references in this block using the “References” style. References should be listed in order of appearance and formatted as shown below. In the text, use numbering in brackets to indicate the references, e.g. [1].
2. Somebody et al., J Biomech, 45:1-10, 2014.

# Acknowledgements

It is expected that here you will credit the group members and collaborators that contributed to the work as these will not be co-authors.