Template for ENOC 2027 Extended Abstract (Maximum 2 Pages)

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Summary. The following guidelines have been prepared for authors of papers to be presented at the forthcoming ENOC 2027 in Aberdeen (Scotland, UK), July 19th-23rd, 2027. They provide the rules for the preparation of Extended Abstracts (maximum 2 pages). Authors are requested to follow these guidelines in order to achieve uniformity in the presentation of the digital Proceedings. **The initial summary should not exceed 250 words.**

Manuscript preparation

Conference participants are encouraged to submit papers from any area of Nonlinear Dynamics ranging from dynamical systems theory to emerging nonlinear dynamics-enabled engineering applications, within the context of theoretical and applied mechanics, applied mathematics, physics, acoustics, bio-engineering, etc.
The website [1] will be open for paper submission from June 2026. The deadline for the submission of an extended abstract is January 2027. Contributors will be informed of the decision of the Scientific Committee and on the assignment of their paper to a Mini-Symposium by March 2027.
The paper must be in English, and should present material that is novel and preferably unpublished at the time of the Conference. Prospective presenters are asked to submit their paper through the Conference website [1]. Submission of a paper consists of the electronic submission of a 2-page Extended Abstract (PDF format only). The layout of the 2-page Extended Abstract should follow the style of this document, starting with a title, followed by the name(s) of author(s) and affiliation(s). The name of the presenting author should be underlined.

Electronic submission of a Summary
The Abstract must be submitted online using the abstract submission form available on the ENOC 2027 website [1]. The Book of Abstracts will be available on the same website [1]. Submissions will be accepted until January 2027.
The ENOC Committee will award two ENOC 2027 prizes to the best two presentations given during ENOC 2027 by young scientists.
Eligibility: to be announced on the ENOC 2027 website [1].
Documents required: details to be announced on the ENOC 2027 website [1].

Electronic submission of an Extended Abstract in PDF format
The Extended Abstract will be used as the sole means of selection of papers for presentation at the Conference.
All accepted Extended Abstracts will be published in digital format. The Extended Abstract is limited to a maximum of two A4 pages (including figures), and it must be submitted as a PDF document. When preparing the PDF file, remember to embed all the fonts into your PDF file, use TrueType fonts as much as possible, and avoid any Asian fonts. If the reviewers cannot read your PDF file, it is unlikely they will accept it.
The text should be written using Times New Roman font. The title should appear 20 mm below the top edge of the page. It should be brief, clear and descriptive. Use all bold lowercase letters starting with a capital centered on the width of the typing area. Leave one blank line after the title and another after the affiliation. A short summary (max. 250 words) should be given at the start of the text.
If the Extended Abstract is divided into sections and subsections, please adopt the format used here, in which first-level headings are centred in bold lower case letters (11 pt) and second-level headings are left aligned in bold lower case letters (10 pt), starting with a capital. Do not number sections. The text should be single-spaced using a 10-point font. Begin paragraphs flush at the left margin without indentation. The typing area of all pages should be 170 x 257 mm, with 20 mm margins on the left, right, top, and bottom. The total length of the Extended Abstract, including all figures and references, if any, should be two pages. The contribution should be prepared as accurately and carefully as possible, much like a manuscript for journal submission.

Figure 1: ENOC 2027 conference logo

In order to submit an Extended Abstract, all authors must use the ENOC 2027 online submission system, available via the ENOC 2027 homepage. All submissions must be uploaded and completed by January 2027.

General guidelines

Authors are urged to make their Extended Abstract as attractive as possible, much like a manuscript for journal submission. **In the Extended Abstract, you are encouraged to use figures, diagrams, and photographs, centered and with captions in lower case letters (9 pt).** The Extended Abstract will enable the reviewers and the Scientific Committee to decide upon the suitability of your paper for presentation at the Conference. It should contain the main assumptions, techniques and results, accompanied by background information about how your work relates to other work in the field. Only essential formulae and figures should be included and only key references need to be given. A communicative title and a clearly presented Extended Abstract will all assist the Scientific Committee in making a positive decision with regard to the acceptance of your paper.

Oral presentation

Papers selected for presentations as lectures will be arranged by subject into parallel sessions. Time will be allotted to each paper, including a discussion period. The length of each presentation will be communicated later. Standard audio-visual equipment will be available in each lecture room. Details regarding the Conference presentation facilities will be provided on the ENOC 2027 website [1].

Conclusions

Prepare an Extended Abstract as a PDF file, visit the ENOC 2027 webpage [1], and submit your Abstract following the instructions. Confirmation will be sent to your email address.

References

[1] ENOC 2027 website, https://enoc2027.com

[2] Pavlovskaia E., Hendry D.C., Wiercigroch M. (2015) Modelling of high frequency vibro-impact drilling. *Int. J. Mech. Sci.* 91:110-119.

[3] Vaziri, V., Kapitaniak, M., Wiercigroch, M. (2018) Suppression of drill-string stick-slip vibration. In MATEC Web of Conferences. 148:16008. EDP Sciences.

[4] Thompson J.M.T., Stewart H.B. (2002) Nonlinear Dynamics and Chaos, 2nd ed. Wiley, Chichester.

[5] Kapitaniak M. (2015) Nonlinear Dynamics of Drill-strings. *PhD Thesis*, University of Aberdeen, Aberdeen.