

# Template for NODYCON 2019 Two-page extended abstract

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**Abstract.** The following guidelines have been prepared for authors of papers to be presented at the *First International Nonlinear Dynamics Conference NODYCON 2019* to be held at Sapienza University of Rome, February 17-20, 2019, in Rome (Italy). These guidelines provide the rules for the preparation of extended abstracts (maximum 2 pages). Authors are invited to follow these guidelines for inclusion of their abstracts in the digital Proceedings and Book of Abstracts.

## Manuscript preparation

Conference participants are encouraged to submit extended abstracts in the broad field of Nonlinear Dynamics ranging from nonlinear structural dynamics, dynamical systems theory, experimental dynamics to emerging nonlinear dynamics enabled engineering applications including vibration control, dynamic metamaterial/nanostructured systems design. The full scope of the conference which reflects the rich spectrum of topics covered by NONLINEAR DYNAMICS can be found in the Call for Papers available on the conference website <http://nodycon2019.org/>. The website will be open for paper submission June 28, 2018. The deadline for submitting an Extended Abstract is Friday, September 14, 2018. Contributors will be informed of the decision of the International Advisory Board by October 5, 2018. The paper must be written in English and should present material that is novel and preferably unpublished at the time of the Conference.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 abstracts through the Conference website. The electronic submission of an Extended Abstract is required in PDF format only. The template for the manuscript preparation according to the conference guidelines can be downloaded both in Word Office and LaTeX formats. The layout of the Extended Abstract has to follow the style of this document, starting with the title, followed by the author(s) names and their affiliation(s). **The name of the author presenting the paper should be highlighted in boldface.**



Figure 1: Welcome to the First International Nonlinear Dynamics Conference NODYCON 2019.

## Electronic submission of an Extended Abstract (PDF format)

The two-page Extended Abstract should be organized in non-numbered sections and subsections by adopting the format used in these guidelines. In particular, first-level headings have to be centred in bold lower case letters (12 pt) and second level headings have to be left aligned in bold lower case letters (11 pt), starting with a capital letter. The text should be single-spaced using 11 pt font. Begin paragraphs flush at the left margin without indentation. The typing area of all pages should be 170 x 267 mm, leaving 20 mm margins on left and right, and 15 mm margins on top, and bottom. The total length of the Extended Abstract, including all figures and references, if any, should be two pages. The text should be written using Times New Roman font and should start with a title followed by the authors' names and affiliations. The name of the author presenting the paper should be highlighted in boldface. The title should appear 15 mm below the top edge of the page. The manuscript has to be organized as follows: i) a brief, descriptive *Abstract* of approximately 150 words; ii) a short *Introduction* to the problem formulation containing also the motivation and the purpose of the study together with a brief summary of previous works on the topic; iii) the core of the work, organized in sections and subsections; iv) the *Conclusions* section. Finally, the *Acknowledgements* should appear in a separate section at the end of the article before the *References* list. The contribution should be prepared with utmost care. The Extended Abstract must be submitted online using the submission form available on the NODYCON 2019 website [4]. If access to the World Wide Web is not available, please request instructions by sending an e-mail to the following address: [secretariat@nodycon2019.org](mailto:secretariat@nodycon2019.org). The Extended Abstract will be used as the sole means of selection of papers for presentation at NODYCON 2019. All accepted Extended Abstracts will be published in digital format in the conference Proceedings online and in the Book of Abstracts. The Extended Abstract is limited to a maximum of two A4 pages (including figures and tables) and it must be submitted as a PDF document. The manuscript PDF file must be re-named according to the following format: 'Firstauthorsurname-Nodycon2019.pdf', if an author

submits more than one contribution as first author the PDF file name should contain a progressive number, i.e., “Firstauthorsurname1-Nodycon2019.pdf”, “Firstauthorsurname2-Nodycon2019.pdf”, etc. All submissions must be sent by Friday, September 14, 2018.

### Journal publication

The most interesting contributions will be selected to appear, in an extended version, in one or two Special Issues named NODYCON 2019 Conference to appear in *Nonlinear Dynamics*.

### Prizes

Springer sponsored prizes, named the ALI H. NAYFEH Prizes, in honor of the Journals founding editor, the late Professor Ali H. Nayfeh, will be awarded for the best papers presented by graduate students. The prize for the first place is € 500, for the second place € 400, and for the third place € 300. Referees from the Steering Committee and International Advisory Board will decide on the awards based on the quality of both the written extended abstract and the presentation using the criteria of novelty, achievement, and potential impact. A maximum of three authors is allowed for the presentation to be rewarded. The applicant must be the presenting author of the contribution.



Figure 2: NODYCON 2019 will be held in Rome, Italy, a beautiful city, full of history, and striving to find its way towards the future. The picture shows the new Convention Center called The Cloud.

### General guidelines

Authors are urged to make their Extended Abstracts as attractive as possible, much like a short journal paper, with special attention towards an effective scientific communication style. In the Extended Abstract, authors are encouraged to use figures, diagrams, photographs, and tables centred and with captions in lower case letters (9 pt). The Extended Abstracts will enable the reviewers and the International Advisory Board to decide upon their suitability for presentation at the Conference. They should contain the main assumptions, techniques and results, together with background information about how the work is connected with previous works in the field. Only key formulas and figures should be included and only key references should be given. All figures must be quoted (i.e., Figure 1) and commented in the text, equations must be centred and numbered. An effective title and a clearly presented Extended Abstract will assist the International Advisory Board in making a positive decision on the acceptance of the work.

### Oral presentation

Abstracts selected for presentation as lectures will be arranged by subject into preferably a few parallel sessions depending on the number of submissions. Twenty minutes, including five minutes discussion, will be allocated to each abstract. Standard audio-visual equipment (overhead projector, PC, computer projector, screen, microphone, and pointer) will be available in the lecture rooms. Details regarding the Conference presentation facilities will be provided in the conference website by December 2018.

### Conclusions

Potential authors and participants are invited to submit an Extended Abstract as a PDF file, to visit the NODYCON 2019 web page at <http://nodycon2019.org/>, pre-register, and submit the Extended Abstract following the instructions. Confirmation via e-mail will be sent to the authors' e-mail addresses.

### References

- [1] Cooler A. S. (1999) Binary Flow Systems. *J. Fluid Mech* **999**:999-996.
- [2] Icer D.F., Adams J.A. (1977) Mathematical Elements for Computer Simulation. McGraw Hill, NY.
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- [5] Alhazza, K. A., Nayfeh, A. H., Daqaq, M. F. (2007) Delayed-Acceleration Feedback for Active-Multimode Vibration Control of Cantilever Beams, Paper No. DETC2007-34793, pp. 729-738. ASME 2007 IDETC, Las Vegas, Nevada, USA, Sept. 47, 2007.