



Template for Journal of Structural Dynamics

Author A ^{*1}, Author B ^{†1,2}, and Author C²

¹ Affiliation for Author A and Author B, (Department), Postal Address, City, Country

5 ² Affiliation for Author B and Author C, (Department), Postal Address, City, Country

Abstract

Journal of Structural Dynamics (JSD) is an Open Edition journal for high-quality papers in the field of Structural Dynamics.

Keywords: Keyword 1; Keyword 2

10 1 Introduction

This document provides a template for publishing in Journal of Structural Dynamics. The guidance in terms of layout is implicitly detailed throughout the L^AT_EXtemplate (the .tex-file) which is used to generate the present document. The first section should be the introduction, with the exception of the (optional) nomenclature section which should appear
15 as an unnumbered section before the introduction. The last three sections must necessarily be the author's contributions, the acknowledgments and the references in that order. The (mandatory) bibliography style requires to use bibtex and is included in unsrtjsd.bst. It is based on the numbered bibtex-natbib style *unsrnat* but it has been slightly modified for this journal to include arXiv.org e-print archive links and also better handle DOI or URL links.

20 2 Open Edition

The concept of Open Access for publications has been around for several years. The principle is to give free access to the scientific publications.

(i) In the Gold Open Access system, the authors must pay a usually relatively high fee to private publishers to have their work published. (ii) In the Green Open Access system, which
25 is nowadays most often pushed by the public authorities at state levels and universities, the

^{*}email@author.a

[†]email@author.b

Table 1: Summary of Open-Access (OA) types

Type	Fees	Archive
Gold	High	Private Publisher
Green	Varies	Self-archiving
Open Edition	Free (or Small)	Supported by public funds

regular publications are in Open Access after an embargo period which can vary but can be reduced up to 6 months. The system allows to give free access to the publications after the embargo period, but universities and research centers still pay huge fees to have access to the platforms of private publishers. See more information in ?].



Fig. 1: Structural Dynamics is an Open Access and Open Edition journal

The Open Edition goes one step beyond by proposing an editing system which is not in the hands of the private sector (Fig. 1) ?]. With this system, the research outputs, mainly financed by public funds, is accessible in Open Access and without the need to pay expensive subscriptions to private editors. Some small fees can apply for additional referencing services if universities wish to subscribe, otherwise it is completely free for authors and readers.

3 Clear Criteria for High Quality

Three different kinds of contributions can be submitted to the journal. A typical issue will consist in

(i) one invited review paper

(ii) and one paper from an area outside structural dynamics (but related)

(iii) as well as about 10 regular papers from contributors.

as well as about 10 regular papers from contributors. The format (length) of each paper is free, but we require a supporting document of maximum 2 pages to be submitted together with the paper. The extended abstract will have a predefined format and should answer a

list of questions related to the pertinence, novelty, performance and applicability/usefulness of the presented methods/work. This will be used as a pre-filter for further peer-reviewing. Prior to submission, authors are encouraged to discuss the content of their paper with the associate editor specialist in the field in order to make sure that the paper fits the scope and expectations of the journal.

4 Efficient Peer-Reviewing Process

The quality of peer-reviewing is globally decreasing because qualified reviewers are more and more overwhelmed by the high number of review invitations. We believe that by pre-establishing a list of qualified reviewers in the different topics covered by the journal, and contacting them personally to present the project and ask for their commitment to join the reviewers board is an efficient way to ensure that they will put priority on the reviews for our journal. The fact that the journal is published in Open Edition will be a clear incentive for reviewers to participate in this initiative. A typical review process should not take more than three months. One issue will be published each year. The journal standards and peer-reviewing process will comply with the requirements to apply for referencing in well-established databases such as ISI or Scopus.



Fig. 2: A plane aisle which in which piezoelectric patches could be used to reduce turbulence

5 Editorial Board

The editorial board comprises two chief editors and several associate editors. For any question you may have about the project, please contact one of the two chief editors



Fig. 3: A full page picture of a nice bridge which could be subject to SHM

5.1 Chief Editors

- **Arnaud Deraemaeker (ULB, Belgium)**
 Structural Health Monitoring, Finite element modeling, Mechatronics Modeling
- **Gaëtan Kerschen (ULg, Belgium)**
 Non-Linear Dynamics, System Identification

5.2 Associate Editors

- **Christophe Collette (ULg, ULB, Belgium)**
 Active vibration control and Damping
- **Morvan Ouisse (UBFC, France)**
 Passive Vibration Control, Vibroacoustics, Smart Structures
- **Olivier Thomas (ENSAM Lille, France)**
 Non-Linear Dynamics, Passive Vibration Control
- **Daniel Rixen (TUM, Germany)**
 Model Reduction, domain decomposition, rotor dynamics, biodynamics, experimental techniques, hybrid simulation, robotics
- **Keith Worden (University of Sheffield, UK)**
 Non-Linear Dynamics

- **Elizabeth Cross (University of Sheffield, UK)**
Structural Health Monitoring

Appendix

A Contact

85 For any question you may have about the project, please contact one of the two chief editors.

- **Arnaud Deraemaeker**
Arnaud.Deraemaeker@ulb.ac.be
- **Gaëtan Kerschen (ULg, Belgium)**
G.Kerschen@ulg.ac.be

90 B Numbering in Appendices

In appendix, tables, figures and equations are renumbered section wise.

$$\mathbf{M}\ddot{\mathbf{x}} + \mathbf{C}\dot{\mathbf{x}} + \mathbf{K}\mathbf{x} = \mathbf{f} \quad (\text{B.1})$$

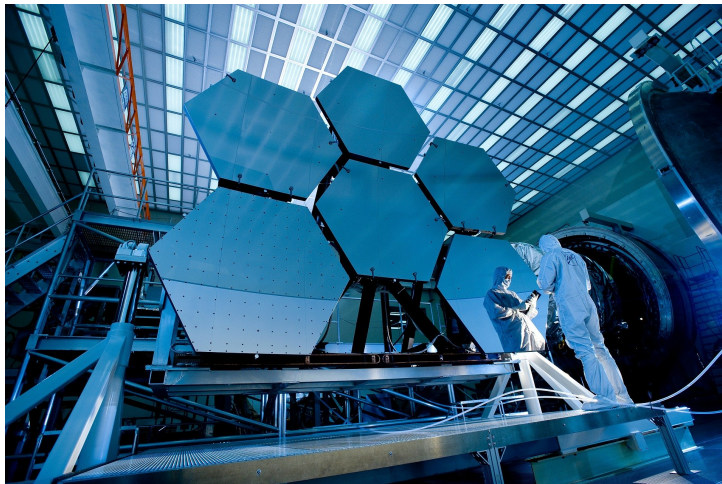


Fig. B.1: A column picture of a Mirror of a Telescope required high precision control.

Authors' Contributions

Author 1, specify actual contributions, Author 2, specify actual contributions,

95 Sentences such as "All authors contributed equally to this manuscript" is not accepted.
For example:

Author A, wrote the manuscript and provided data for [Table 1](#). Author B, gave the idea of publishing a new journal. Author C took the different pictures and supervised the project. All authors reviewed the final manuscript.

100 Acknowledgements

Thanks for publishing in this Structural Dynamics