

## TITLE

**Principal author name<sup>(1)</sup>, Co-author name<sup>(2)</sup>, Co-author name<sup>(3)</sup>**

<sup>(1)</sup>*Affiliation, complete mailing address, phone, email*

<sup>(2)</sup>*Affiliation, complete mailing address, phone, email*

<sup>(3)</sup>*Affiliation, complete mailing address, phone, email*

## ABSTRACT

This document provides a L<sup>A</sup>T<sub>E</sub>X template for the **12th International ESA Conference on Guidance, Navigation & Control Systems (GNC) and 9th International Conference on Astrodynamics Tools and Techniques (ICATT)**, it has been formatted accordingly and can be used as an example. Please, provide an informative abstract of no more than 200 words. The abstract should stand alone as a summary of the paper, not as an introduction (i.e., no numerical references).

## 1 SUBMISSION PROCEDURE

The papers shall be delivered in PDF. The file shall be named as follows:

AbstractNumberFamilyName.pdf (example: 123456Smith.pdf)

The Proceedings will be published on a digital support. Papers should be handed in via the abstract submission portal, using PDF format only, **before 29 May, 2023**.

The following are some guidelines for preparing the article in accordance with the standards for conference proceedings.

### Contact Details

If you have any questions about preparing your paper, please contact the editor:

ESA Conference Bureau

Reference: Proceeding Editor GNC and ICATT 2023

Email: esaconferencebureau@atpi.com

## 2 GENERAL SPECIFICATIONS

All papers should be in English. The number of pages should not exceed 15.

## 3 PAGE LAYOUT

- Paper format: standard A4
- Fully justified
- Margins (left, right, top and bottom): 2cm - 0.79 inch

**Font:**

Text: Times New Roman  
Variable: Times New Roman italic  
Symbol: True Type Symbol font  
(Type 1 font only)

**Type size:**

Paper title: 12 pt bold (TITLE)  
Author(s): 12 pt bold (Author)  
Affiliation(s): 12 pt italic (Affiliation)  
Text: 12 pt (regular text)  
Text in tables: 10 pt  
Symbols: 12 pt

## 4 TITLE AND AUTHOR AFFILIATION

The paper title, author(s) name(s), affiliation(s), complete mailing address and e-mail should be centred at the top of the first page using the fonts and type sizes indicated above. If there are several authors, the complete affiliation should be given for each of them using superscripts (1) in the authors (2) list (3) to refer to them

## 5 HEADINGS

This sheet has been typeset in accordance with the style to be followed for the headings.

Main Headings: Font Times New Roman, 12, bold, UPPER CASE with conjunctions and prepositions in lower case. Use the decimal system in Arabic figures for the numbering. The main headings shall be preceded by two empty lines and followed by one empty line, as in Heading 1 of this template.

### 5.1 This is a subsection

Subheadings (heading 2): Font Times New Roman, 11, bold, Title Case.

## 6 EQUATIONS

Equations are to be numbered consecutively throughout the paper. Each equation number must be unique (do not use “Equation 2bis” or “4”). Equations should be centred, with the equation number in parentheses. Leave a double line space before and after equations. Always refer to equations by number, as Eq. 1 or Eqs. 3-6, not as “above” or “below”.

$$\ddot{\mathbf{r}} = -2\boldsymbol{\omega} \times \dot{\mathbf{r}} - \boldsymbol{\omega} \times \boldsymbol{\omega} \times \mathbf{r} + \mathbf{g} + \mathbf{u} \quad (1)$$

## 7 FIGURES AND TABLES

Responsibility for the inclusion of good quality figures/illustrations (black and white or colour) resides with the author.

Table 1: Table to test captions and labels.

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

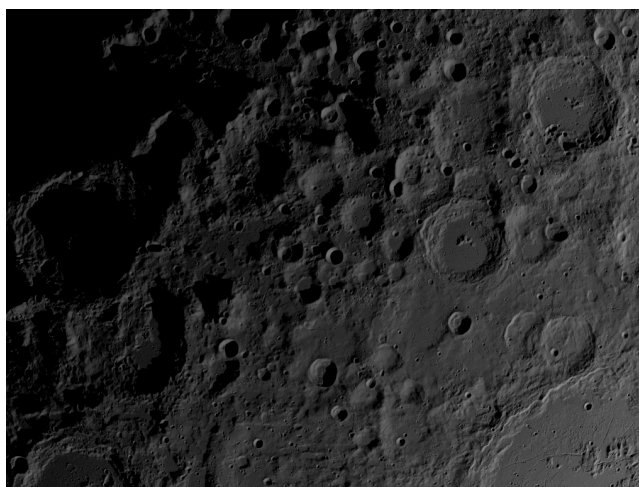


Figure 1: This is a caption

Figure captions should be below the figures, as in Fig. 1; table captions should be above the tables, as in Table 1.

Table 1 shows how to add a table caption and reference a table.

## 7.1 Abbreviations and Acronyms

Define abbreviations and acronyms the first time they are used in text, even after they have been defined in the abstract. Abbreviations such as TTC, TM, TC, ac and dc do not have to be defined. Do not use abbreviations in the title.

## 8 REFERENCES

Number citations consecutively in square brackets [1]. Refer simply to the reference number, as in [2]. Do not use “Ref. [2]” or “reference [2]” except at the beginning of a sentence: “Reference [2] was the first. . .” The title of the book or of the journal shall be in italic script. This is a citation of [1], while this is citation of [2].

## REFERENCES

- [1] R. E. Kalman, “A new approach to linear filtering and prediction problems,” *Transactions of the ASME–Journal of Basic Engineering*, vol. 82, no. Series D, pp. 35–45, 1960.
- [2] F. Capolupo and P. Labourdette, “Receding-horizon trajectory planning algorithm for passively safe on-orbit inspection missions,” *Journal of Guidance, Control, and Dynamics*, vol. 42, no. 5, pp. 1023–1032, 2019. DOI: 10.2514/1.G003736.