##### Template of abstract for the congress CCS2023

First Author, Presenting Author, Third Author   
First institution name, first institution address   
Second institution name, second institution address

Use this template to prepare your abstract. **The length of the document must be of one page and it must contain at least one figure**. You can add references following standard formats [1, 2]. Figures must be included in *pdf* (see Fig. 1 for an example). You can type inline equations , and also displayed equations

|  |  |
| --- | --- |
|  | (1) |

as in the case of Eq. (1). The equations are included within a table, in which an object generated with the Equation Editor occupies one cell and the number (1) the other. Once written the abstract, please save a pdf version and upload it in the easychair web page of CCS2022 [3]. You can find the link and the instructions under the call for abstracts in the CCS web [4]. The information you will be asked includes the names and emails of the authors, the presenting author, and the track of the conference you are submitting to. The list of tracks is:

* Foundations of Complex Systems. Basic Sciences. Quantum complexity;
* Complex Networks;
* Data Science, Machine Learning and Artificial Intelligence in the context of Complex Systems;
* Computation and information processing in complex systems;
* Economics and Finance;
* Social systems;
* Ecological systems;
* Cognition, psychology and neurosciences;
* Complexity in Biology and Health Sciences;
* City Science, Mobility and Transport;
* Energy, Environment, Sustainability, Climate and Global change.

New paragraphs should be slightly indented (0,5cm). You can continue writing new text and including new equations

|  |  |
| --- | --- |
|  | (2) |

Please, as before, use the table format and update the equation numbers as it may correspond.

Figures must be included in vectorial (pdf, eps, etc) or non-vectorial (png, jpg, etc) format (see Fig. 1 for an example). In this latter case, the resolution of the images should be as high as possible. 300 dpi would be optimal but it can be lower to avoid massive final pdf file sizes but never below 70 dpi. Note that at least one figure is required. The format of the references should follow the examples given below, with the title of the papers as optional depending on space availability.



Fig. 1: Include here the figure caption.

[1] A. Author1, B. Author2, and C. Author3, *Title of article can optionally be included*, J. Comp. Sys. **10**, 1820 (2018).

[2] A. A. Author1 and B. B. Author2, *Procs of the WWW’2028 or book title* (Palma, 2028).

[3]<https://doity.com.br/submissionccs/artigos?modelo=3842#primary>

[4] <https://www.ccs2023.org>