**Abstract guidelines for EUROMECH Colloquium 656: Title**

# First Author¹, Second Author2, Third Author3,\*

1 Affiliation 1

2 Affiliation 2

3 Affiliation 3

**Introduction**

Please submit a maximum two-page abstract. Please use the font sizes specified in this template for each section.

**Sections**

You can have sections in your abstract. Please don’t number your sections and use the font size and style specified in this template.

*Subsection*

If you’d like to have subsections, use italic form for it. Please don’t number them.

**Equations**

All equations should be inserted centerline and numbered as follows:

. (1)

**Figures**

Please include your figures centerline. You can have sub-figures if you’d like to. Captions should be included below figures.

**A diagram of a triangle with colored balls

Description automatically generated A diagram of a physical and chemical reaction

Description automatically generated**

(b)

(a)

**Figure 1:** (a) Eigenvalues of randomly generated diagonal orientation tensors (taken from [1]), (b)Abstract overview of the multi-step GNN predictions (taken from [2]).

**Tables**

**Table 1:** Table captions should be above tables and centerline.

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| a | b | c | d | e |
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |

\*Corresponding author: Email address of the corresponding author

**Abstract submission**

Please check the conference website for instructions.

**Important dates**

Abstract submission opens: September 15, 2024

Deadline for abstract submission: January 15, 2025

Notification of abstract acceptance: February 10, 2025

Early bird registration: March 1, 2025

Late registration: March 30, 2025

**How to format references**

Please include your references in the reference list in the order they are cited in the document. Examples of journal articles [1,2] and books [3] are given below. Please follow these formatting guidelines.

**References**

1. H.L. Cheung, P. Uvdal, M. Mirkhalaf, (2024). Augmentation of scarce data - a new approach for deep-learning modelling of composites. *Composites Science and Technology* 249, 110491.
2. J. Storm, I.B.C.M. Rocha, F.P. van der Meer, (2024). A microstructure-based graph neural network for accelerating multiscale simulations, *Computer Methods in Applied Mechanics and Engineering* 427, 117001.
3. B. Mehlig. Machine Learning with Neural Networks: An Introduction for Scientists and Engineers. Cambridge University Press, 2021.