

Special Issue:

“Theoretical and Computational Advances in Classification, Clustering, Pattern Recognition and Data Analysis”

The journal **METRON** (<http://www.springer.com/statistics/journal/40300>) will publish a **Special Issue** associated with the **15th Scientific Meeting of the Classification and Data Analysis Group (CLADAG 2025)**, which will host the **1st International Joint Meeting of the Italian and Dutch/Flemish Classification Societies**.

This Special Issue seeks high-quality theoretical and computational contributions in the fields of statistical learning, and data analysis. Topics of interest include, but are not limited to:

- Clustering and Classification Theory (e.g., Bayesian methods, mixture models, probabilistic clustering, constrained classification)
- Dimension Reduction and Multivariate Analysis (e.g., factor analysis, biplots, symbolic data analysis)
- High-Dimensional and Functional Data Analysis
- Proximity Structures and Multidimensional Scaling
- Robust and Nonparametric Methods for Classification
- Advances in Algorithms and Computational Statistics
- Machine Learning and Statistical Learning (e.g., deep learning, neural networks, ensemble methods)

Authors and participants to the **15th Scientific Meeting of the Classification and Data Analysis Group (CLADAG 2025)** and the **1st International Joint Meeting of the Italian and Dutch/Flemish Classification Societies** are invited to submit papers with original methodological contributions with a strong theoretical foundation. Applied papers without significant methodological innovation are not suitable for this Special Issue. The Special Issue will be open to all researchers who want to give a contribution related to the topics above listed.

All manuscripts submitted to this Special Issue will undergo the classic double-blind review process. Authors should submit their papers through the METRON online submission system, indicating "CLADAG-VOC 2025 SPECIAL ISSUE" from the window "Select Article Type", and following the journal's standard format and guidelines: <https://link.springer.com/journal/40300/submission-guidelines>.

The editing and the review process will be handled by the Special Issue Editors:

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Important dates:

November 30, 2025 – Deadline for submitting the paper (papers will be sent to reviewers as soon as we receive them)

February 28, 2026 – End of the revision process and notice to Authors

May 31, 2026 – Deadline for submitting the revised paper

September 30, 2026 – Publication of the special issue (tentative)