

Clustering & Classification

Special Track for the Ninth International Conference on Computer Science & Software Engineering – C3S2E'16

(<http://confsys.encs.concordia.ca/C3S2E/c3s2e16/>)

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The amount of generated data is increasing exponentially. New data mining and machine learning techniques are needed to understand its structure and make it actionable. Clustering and classification are among the most important data analysis tasks for both industry and academia. Clustering is the most popular representative of unsupervised learning, while classification (together with regression) is probably the most often used task in supervised learning. Although the literature on clustering and classification is abundant, the interest in these topics remains huge, from both the research and application point of view.

This Special Track aims at providing a focus on the state-of-the-art research in the fields of clustering and classification, and their applications. We will look at theoretical and practical related issues from both a computational and statistical point of view.

TOPICS OF INTEREST FOR THIS TRACK

- Clustering applications
- Clustering tools
- Clustering algorithms
- Overlapping clustering/Disjunctive clustering
- Multi-Objective clustering
- Constrained clustering
- Data stream clustering
- Sequence clustering
- Co-Clustering
- Clustering validation
- Consensus clustering / Clustering Ensembles
- Semi-supervised Clustering
- Feature Selection
- Classification algorithms
- Classification applications
- Classification tools
- Classifier Ensembles
- Data stream classification
- Multi-Instance and Multi-Label Learning
- Learning from Positive and Unlabelled Data

Submission and Important Dates

Deadlines and paper submission instructions are as in the main page - Please use the appropriate track (session developer) when submitting a paper.

Track Chair

- F. Jorge Duarte, Instituto Superior de Engenharia do Porto
- Fátima Rodrigues, Instituto Superior de Engenharia do Porto

Program Committee

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