

# Data science, data analytics and data mining

## Summary

Data are overwhelming and the research value is just to be able to capture the most important information in order to predict with a high performance and very quickly. Data science deals with the combination of data and algorithms, whereas data analytics examines the data to raise conclusions and finally data mining aims at extracting patterns to discover insight. There are many approaches to process data and the goal of this session is to introduce both theoretical innovations and real-world applications. The topics of interest for this thematic session include, but are not limited to:

- Data engineering
- Data preparation
- Data selection
- Data mining
- Stream mining
- Text mining
- Machine learning
- Classification
- Regression

## Organizers

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