





## Seminar

Wednesday, 18 September 2024 16:30, D011

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Title: Detecting anomalies with dictionary learning

**Abstract:** Dictionary learning (DL) is a class of signal processing methods that approach signal approximation by constructing a sparse representation. The talk will present how these techniques can be used to detect anomalies from various data sources, such as images, tabular data and graphs. I will focus on recent results that show how an infinite-set variation of DL is particularly suited for the problem. A discussion on fault detection in time-series data will conclude the talk.



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