

2nd International Interdisciplinary Workshop on Time Series Analysis (CNRS/MASTODONS)



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Introduction: Time series analysis across disciplines

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The study of time series is common to most scientific disciplines. Throughout the domains, similar questions are asked to the data, such as what are the trends (in time or along any other parameter) detectable in the data, is there recurrent behaviour, can correlations between parameters be established, how significant are they and are they causal? In addition, the evolution of computing power enables researchers to combine large data sets of different origin and from different fields in order to derive new insights.

With these commonalities, why is interdisciplinary work in the domain of time series analysis still rather scarce? I will address some of the issues and point out developments that help us building up collaborations to benefit from each others expertise in this research area.

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