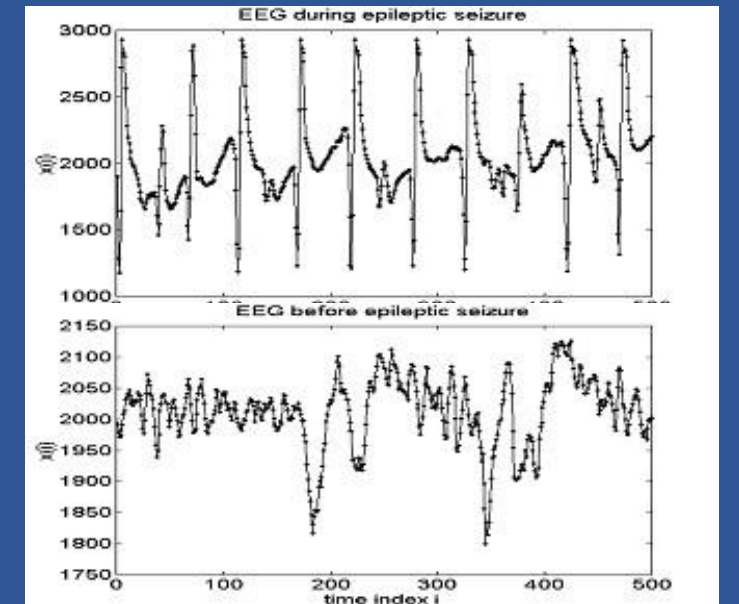
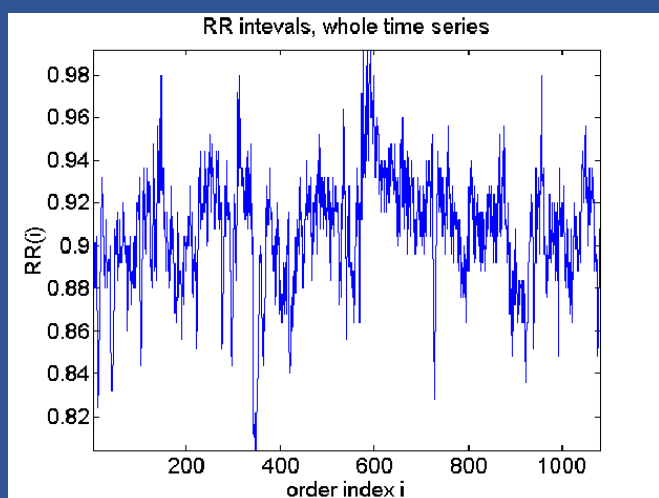




Seminar for Biomedical Engineering students

Linear modeling of Biomedical Time Series



Speaker:

Prof. Dimitris

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Seminar description

The seminar will introduce the following topics:

- Characteristics of univariate time series (stationarity, autocorrelation, partial autocorrelation).
- Linear models of univariate time series: autoregressive moving average (ARMA), integrated autoregressive moving average (ARIMA)
- Prediction of time series
- Hands-on biomedical time series (use of Matlab).

Information for the students

- The registration is mandatory, using the following form: <https://forms.gle/E5wPcwoZz4wZ4p6o6>
- For further information, please contact the organizers of the seminar, Prof. Faes (luca.faes@unipa.it) and Prof. Pernice (riccardo.pernice@unipa.it)
- B.Sc. Students in Biomedical Engineering (enrolled at least at 2nd year) who will attend to the seminar and pass the final test will be granted **0,5 CFU**.

5th June 2024

10.00-13.00

Aula Savagnone, Building 9
Department of Engineering, Viale delle Scienze