

Course offered for the STAT PhD program starting from a.y. 2019/2020

TITLE	Introduction to Sequence Stratigraphy and Basin analysis for industrial applications
Lecturer	Prof. Antonino Briguglio
Duration and Credits	The module will be held during one day (8 hours only) and will count for 2 CFU.
Course description	The course is aimed to give an overview of the historical problems and challenges which gave birth to this new approach in stratigraphy. We will sort out definitions and concepts in sequences, stacked parasequences and all types of system tracts and boundaries. Whilst the course will mostly concentrate on the interpretation of clastic sequences, a smaller section will cover the carbonate realm. Exercises and practical will include stratigraphic basin-wide correlations and some insights into well correlations will also be provided. Those interested in enrolling for the module are expected to have a sound background on sedimentology and stratigraphy. Those with specific knowledge and/ or interest on microfacies analyses, palaeontology and biostratigraphy are encouraged to apply. Please contact the lecturer for further information.
Course organization	Class activities only, which will be organized as 4 hours of lectures and 4 hours of practical.
Teaching period	One day around February - March 2020