

Seminario

Biostratigraphy, biochronology and age models: the role of calcareous nannofossils

Giovedì, 5 dicembre – ore 16:30 Aula Arduino

Relatore: **Prof.ssa Isabella Raffi**

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Abstract

Calcareous nannofossil biostratigraphy shows a high degree of reliability in various time-intervals, and biohorizons are widely recognized to be a powerful tool for regional and worldwide biostratigraphic correlations. Where dating tools such as cyclostratigraphy and magnetostratigraphy are available, calcareous nannofossil biohorizons are used as control points for the identification of cycle numbers and polarity zones. For the Cenozoic, nannofossil biochronology provide a basis for age models, which can then be developed into orbitally tuned cyclostratigraphies, or used for chronological revision of polarity timescales.

Proponente: **Claudia Agnini**