

**CONSIGLIO NAZIONALE DELLE RICERCHE
ISTITUTO DI SCIENZE MARINE**



CICLO DI SEMINARI

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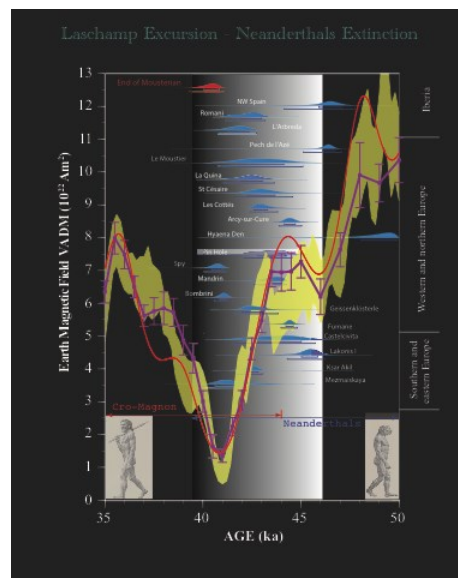
23 Marzo 2023 ore 11:00

THE PARADIGM OF THE NEANDERTHALS DEMISE

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Seminario IBRIDO: ISMAR 3 Piano e online



The extinction of Neanderthals represents one of the great puzzles of human evolution. Neanderthals vanished abruptly in the fossil record around 40,000 years ago and the causes for their disappearance has fueled a vigorous scientific debate that, in spite of several hypotheses, still remains an elusive paleoanthropological problem. The hypothesis are grouped in two main categories represented by environmental/climatic factors and competition with modern humans. However recent studies made a new challenge in the debate indicating the possible role of the increasing UVB rays during the Laschamp geoexcursion of the earth's magnetic field. The seminar will explore the different hypothesis with intriguing clues about demography, genetic data and cosmic rays that appear to play a key role on the extinction.