

**Archeomagnetic research of an oven from the Early Bronze Age from
the prehistoric settlement mound Malevamogila near Veselinovo
village, Yambol Municipality, Bulgaria**

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The prehistoric settlement mound Malevamogila is situated 2 km south-east from the village of Veselinovo in Yambol Municipality, Bulgaria. It's located on the left bank of the Tundzha River. The archaeological site is 5.30 m height and base diameter of 80.00 x 120.00 m. The settlement mound was inhabited during the Late Neolithic – Karanovo III, Karanovo III-IV and Karanovo IV cultures (5200 – 4900 BC) and Early Bronze Age (3200 – 2500 BC). It was partly inhabited and during the Medieval period (11th – 12th c.).

In 2014 during archaeological excavation, an oven was examined. It's connected with the daily life of prehistoric people from the Early Bronze Age.

From the presented oven, 20 samples were taken for research and dating via the archeomagnetic method. Archeomagnetic dating represents the comparison of received values for different elements of ancient magnetic field for analysis structure with benchmark curves for appointed epoch.

The aim of this poster is to present results from this archeomagnetic research and date that it presents about the last culture split from the Early Bronze Age layer from Malevamogila.