

Astronomical Panels of Measuring and Dividing Time in Ancient Egypt

Authors : Hazem Taha Abouelnaga Ali, Mohamed Ahmed Madkour, Haitham Magdy Hamad

Abstract : The ancient Egyptians used the stars to measure time or, in a more precise sense, as one of the astronomical means of measuring time. These methods differed throughout the historical ages. They began with simple observations of observing astronomical phenomena and watching them, such as observing the movements of the stars in the sky. The year, to know the days, nights, and other means used to help set the time when the sky overcast, and so the researcher tries through archaeological evidence to demonstrate the knowledge of the ancient Egyptian stars of heaven and movements through the first pre-history. It is not believed that the astronomical information possessed by the Egyptians was limited, and simply, it was reaching a level of almost optimal in terms of importance, and the goal he wanted to reach the ancient Egyptians and also help him to know the time and the passage of time; which ended in finally trying to find a system of timing and calculation of time. It was noted that there were signs that the stellar creed was known and prosperous, especially since the pre-family ages, and this is evident in the inscriptions that come back to that period. The Egyptian realized that some of the stars remained visible at night. The ancient Egyptians were familiar with the daily journey of the stars. This is what was adopted in many paragraphs of the texts of the pyramids and its references to the rise of the deceased king of the heavenly world between the stars of the eternal sky. It was noted that the ancient Egyptian link between the doctrine of the star, we find that the public The lunar was known to the ancient Egyptians, and sang it for two years: and the stellar solar; but it was based on the appearance of the star Sirius, and this is the first means used to measure time and know the calendar stars.

Keywords : ancient Egypt, archaeology, Egyptian history, Egyptian civilization, civilization

Conference Title : ICA 2023 : International Conference on Archaeology

Conference Location : Rome, Italy

Conference Dates : December 11-12, 2023