

Publication

## Astronomical Data and their Potential for Chronological Purposes

### ConferencePaper (Artikel, die in Tagungsbänden erschienen sind)

**ID** 3702951

**Author(s)** Gautschy, Rita

**Author(s) at UniBasel** [Gautschy, Rita](#) ;

**Year** 2016

**Title** Astronomical Data and their Potential for Chronological Purposes

**Editor(s)** Kaelin, Okar; Mathys, Hans-Peter

**Book title (Conference Proceedings)** Proceedings of the 9th International Congress of the Archaeology of the Ancient Near East

**Volume** 3

**Place of Conference** Basel

**Year of Conference** 2014

**Publisher** Harassowitz

**Place of Publication** Wiesbaden

**Pages** 763-768

**ISSN/ISBN** 978-3-447-10615-3

**Keywords** Chronology, Astronomical Data, Egypt, Mesopotamia, radiocarbon

To derive absolute dates of pharaohs and Mesopotamian kings records of astronomical observations have been frequently used. For the utilization of astronomical data and their reliability different rules of thumb hold in Egypt and Mesopotamia due to the varying nature of the solar Egyptian and the lunisolar Mesopotamian calendar. I will address the possibilities and limits of astronomical data for chronological purposes in Egypt and discuss the agreements and disagreements with C14 determinations.

**edoc-URL** <http://edoc.unibas.ch/52386/>

**Full Text on edoc** No;