



LULEÅ UNIVERSITY OF TECHNOLOGY

SOLAR SYSTEM PROJECT

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Are Comets the source of our water?

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1 Motivation

The topic "D (or HDO) ratio on Earth compared to Comet 67P/Churyumov-Gerasimenko: Are Comets the source of our water?" takes into account the following interesting topics:

1. Comet 67P/Churyumov-Gerasimenko itself and in respect to earth in terms of d/h ratio.
2. Evaluating the claim of Earth's water is from comets appose to other theories.

We wanted to research a comet and liked this topic the most because we could use the data measured by Rosetta and Philae.

2 Background

A. Hoehne	Mechanical and Materials Engineering from University of Western Ontario, Canada.
A. Möslinger	Mechatronics at the Johannes Kepler University in Linz, Austria.
E.F.M. Weterings	Electrical Engineering at the University of Rotterdam, The Netherlands.