



LULEÅ UNIVERSITY OF TECHNOLOGY

SOLAR SYSTEM PROJECT

F7008R

---

# Are Comets the source of our water?

---

*Authors*

A. Hoehne  
A. Möslinger  
E.F.M. Weterings

*Supervisors*

M. Milz  
M. Granvik

September 10, 2018

# 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.

# 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.