



# Münchner Physik- Kolloquium

Winter  
2018/19

## Rosetta at comet 67P: deciphering the origin of the solar system, the Earth and life

**Prof. Dr. Kathrin Altwegg**, *Universtät Bern, Switzerland*

Monday, 12 November 2018, 17:15 h

Hörsaal H 030, Fakultät für Physik der LMU, Schellingstraße 4, München

After more than 12 years the Rosetta spacecraft crash-landed on comet 67P/Churyumov-Gerasimenko on September 30, 2016. It has traveled billions of kilometers, just to study a small (4 km diameter), black boulder named 67P/Churyumov-Gerasimenko. Two years after end of mission it is time to evaluate Rosetta although data analysis will go on for many years to come. The results of this mission now seem to fully justify the time and money spent in the last decades on this endeavor. In the talk I will look back on the craziest mission ever flown by the European Space Agency and point out its technical challenges and scientific highlights. I will show how the results of this mission change our understanding about the formation of the solar system, the Earth and finally life itself.

## Student event: Meet the speaker

We invite you to a **student-only** discussion-round with Prof. Dr. Kathrin Altwegg before her Munich Physics Colloquium talk.

*Be curious and feel free to ask any question.*

Monday, 12 November 2018, 16:00 h

Room H 522 (5th floor), Fakultät für Physik der LMU, Schellingstraße 4, München

