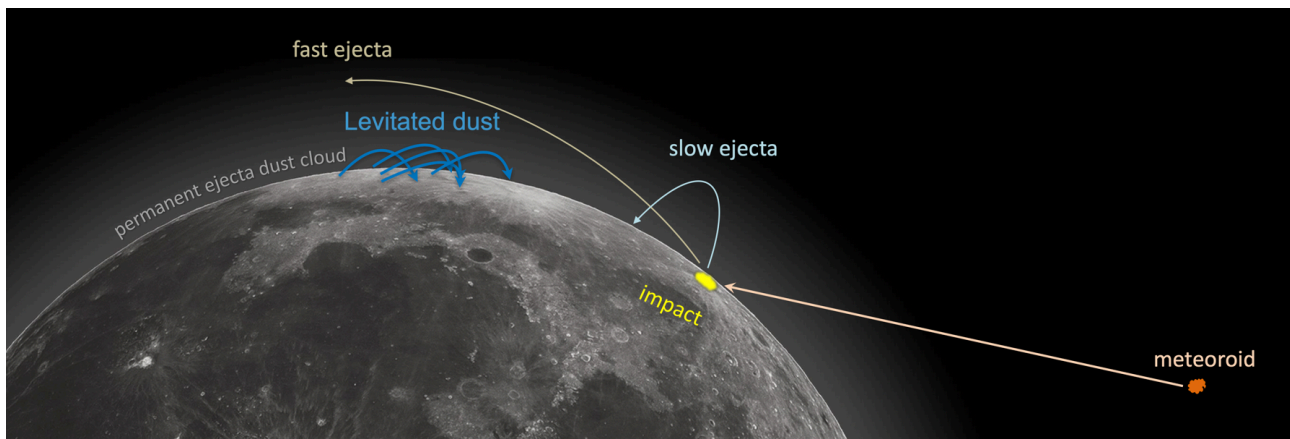


## HiWi (m/w/d) position from 01.04 2024: Development of a lunar dust sensor

One of the highest-priority issues for a future human or robotic exploration is the lunar dust. Interplanetary dust, impact ejecta and levitated dust are the three main components of the dust environment above the lunar surface. Here, we provide a HiWi position to assist us in the development of a lunar dust sensor in a ESA project.



### Tasks:

- (1) Mechanical design of sensor head using CAD software (NX)
- (2) Conducting CAE analysis of the technical system
- (3) Documentation (if needed)

### What you should bring:

- (1) Interested in the development of instruments
- (2) Familiarity with Siemens NX software
- (3) Availability to work for us more than 20 h/month

### What we can provide:

- (1) Flexible working hours
- (2) Home office
- (3) Possibility of pursuing a subsequent bachelor's/master's thesis in this subject area

Please submit your application (CV and current proof of achievements)

by email to Dr. Ing Yanwei Li ([li@irs.uni-stuttgart.de](mailto:li@irs.uni-stuttgart.de), Tel: 0711-685 69653)