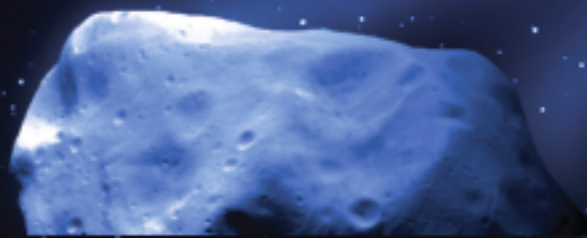


From Ice to Gas

Constraining the Desorption Processes of Interstellar Ices



Edith Fayolle

Invitation

On Tuesday
October 1st 2013
at 13:45
I will defend my thesis

From Ice to Gas
Constraining the
Desorption Processes
of
Interstellar Ices

Academiegebouw
Universiteit Leiden
Rapenburg 73



Edith Fayolle

From Ice to Gas

Constraining the Desorption Processes of Interstellar Ices

Edith Fayolle

The presence of icy mantles on interstellar dust grains play a key role in the formation of molecules observed at all stages of star formation. This thesis addresses thermally and UV-induced ice sublimation. Using state of the art laboratory experiments and synchrotron-based UV radiation, the processes leading to ice desorption are presented.

