From ice to gas : constraining the desorption processes of interstellar ices

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Stellingen

belonging to the thesis

From Ice to Gas
Constraining the Desorption Processes of Interstellar Ices

1. Ice composition and structure are crucial properties to take into account when modeling the desorption of interstellar ices.

   Chapters 2, 4, and 6

2. The use of a tunable light source significantly improves the understanding of UV-induced desorption mechanisms.

   Chapters 3, 4, 5, and 6

3. UV photodesorption of ice is generally an indirect process.

   Chapters 4, 5, and 6

4. Hot-core molecules are not only found in hot cores.

   Chapter 7

5. The chemical analysis performed as part of the Rosetta mission has the potential to connect ice composition with gas observations.

6. Research on the origins of life involves understanding the formation of its building blocks and their self-replication.

7. Small samples of astronomical sources are best used to motivate large samples, enabling then statistically-based conclusions.

8. Science organizations contribute substantially to the transfer of knowledge by sending research proposal ideas for review to scientific competitors.

9. Team work is a powerful, and often underestimated remedy to procrastination.

10. Our society is on a short path to ruin, so long as financial speculators are better compensated than nurses and teachers.

11. Sport empowers people.

12. Following a time-management class or receiving a punctuality award during your PhD does not mean you will finish your thesis on time.

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