Physics and chemistry of interstellar ice

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Propositions accompanying the thesis:

Physics and Chemistry of Interstellar Ice

1. Pore collapse provides a mechanism for recombination reactions in low-temperature ices (chapters 2 and 3).
2. The morphology of interstellar ices merits more experimental and observational efforts (chapters 2 and 3).
3. CH_3OH ice is a workable environment for observed polar CO (chapter 4).
4. Laser desorption mass spectrometry is a promising tool for the study of interstellar ice analogs (chapter 6).
5. Observations of complex molecules in massive star-forming regions do not correlate with the presence of disks (chapter 7).

6. Observations are the keystone to our understanding of chemistry in star-forming regions.
7. Glossing over technical details hinders research.
8. Noble gases are not inert.
9. The internet has a vast untapped potential as a scientific tool.

10. Social exclusion is a product of a rigid society.
11. The quality of consumer items reflects the quality of the consumer choice.
12. Introverts should not conform to extrovert ideals.

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