

***Aspera*: Unveiling the Diffuse Universe**

Selected for funding – 2020 NASA Astrophysics Pioneers

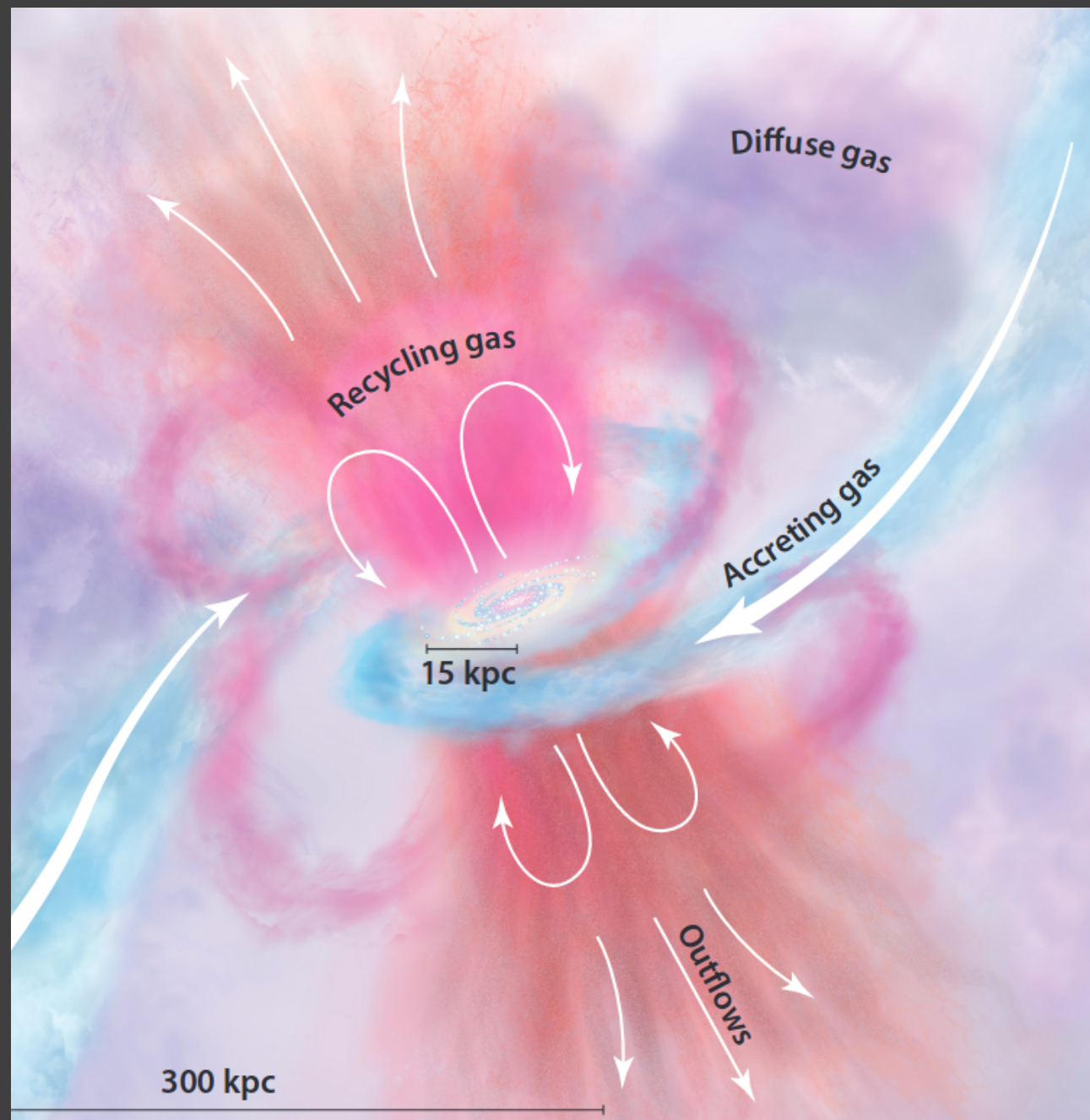
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What is the
Circumgalactic
Medium (CGM)?

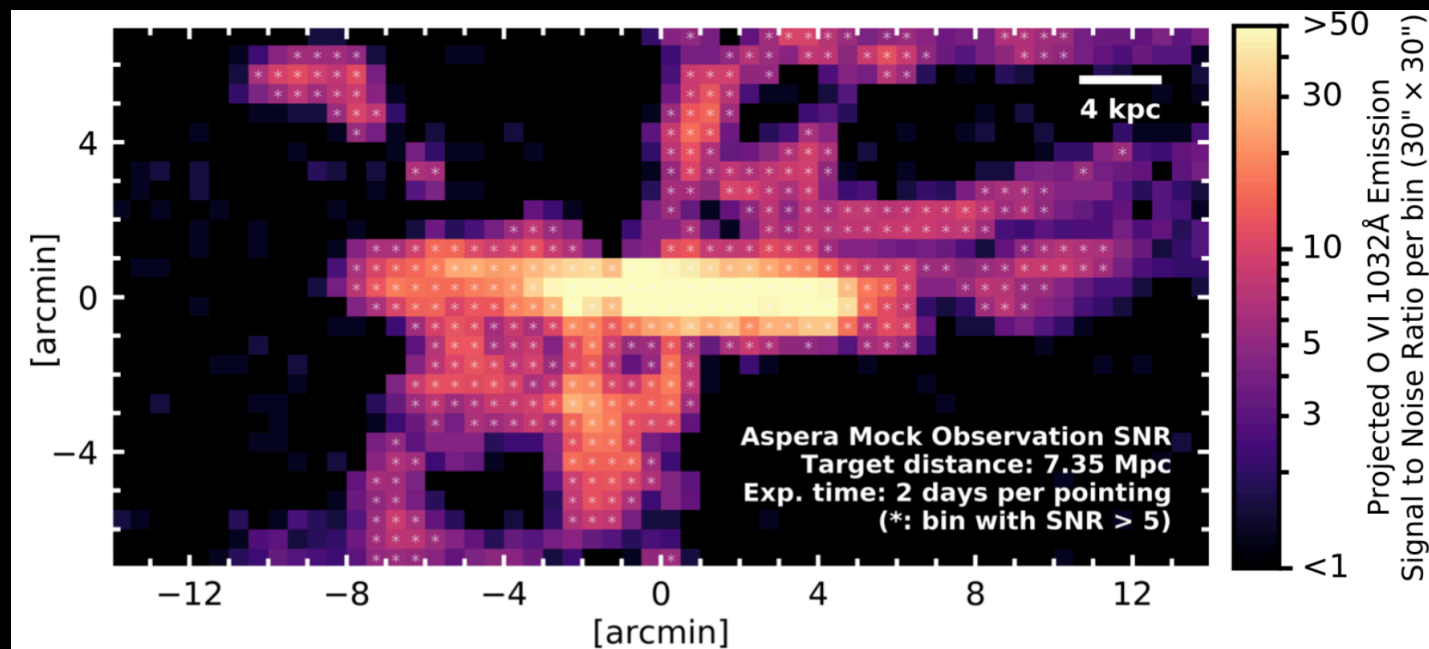
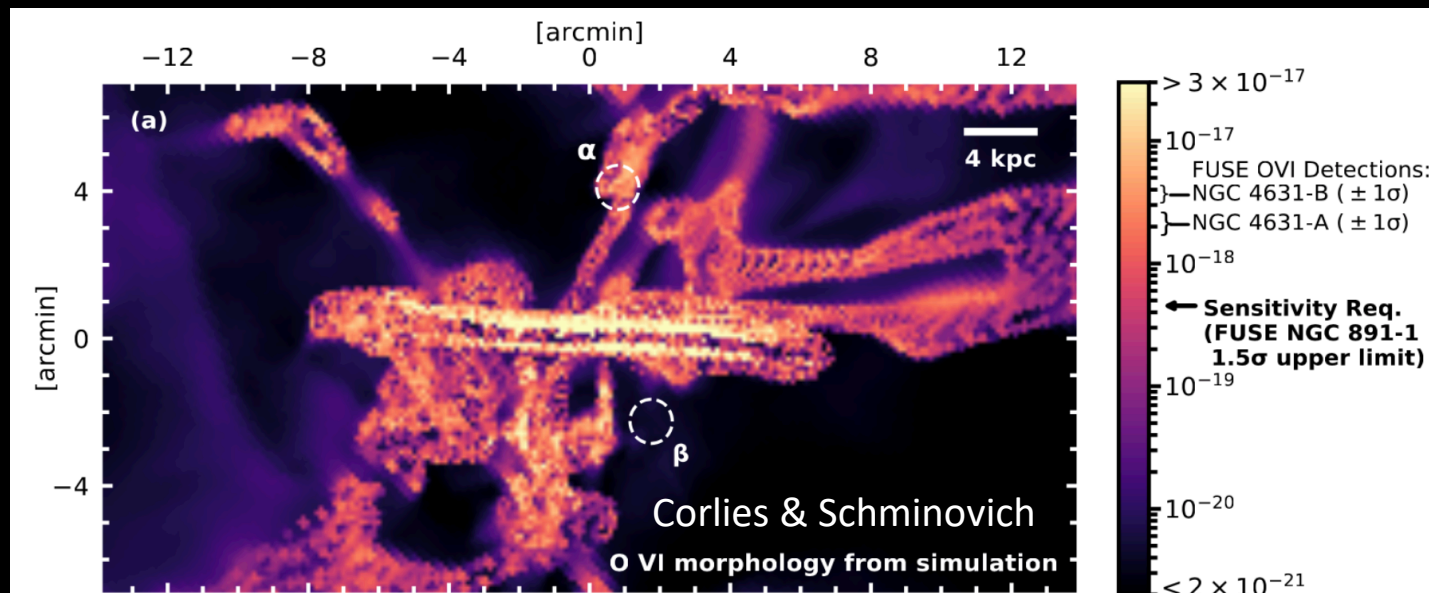
It has many 'phases'

Tumlinson et al. (2017)



Aspera Mock Observation

- Includes system response, spacecraft pointing/jitter, and aberration
- Asterisks → SNR > 5
- Exposure time → 2 days per pointing
14 days total



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