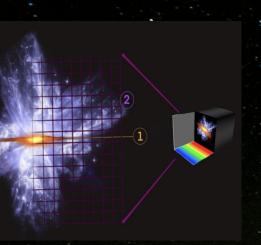
## Bridging the gap between emission and absorption outflows in QSOs

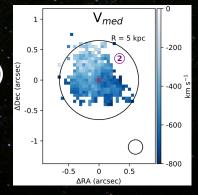
Mayank Sharma, Virginia Tech



Line of Sight → ABSORPTION

Cloudy can help us understand the connection between these two manifestations.

Plane of the Sky → EMISSION (IFS)



Absorption +

(Physical Conditions)

**Emission** →

**Outflowing** 

Gas

(Spatial Structure)

A better understanding of outflows and their impact on host galaxies.