

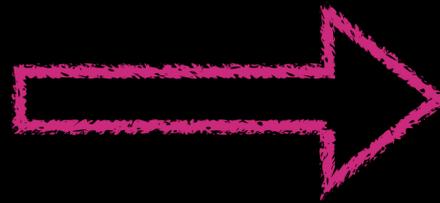
**2nd RECAP online collaboration meeting**



**MAX-PLANCK-INSTITUT  
FÜR ASTROPHYSIK**

# Active work

SPICE: Ramses-RT



SPICE: Arepo-RT

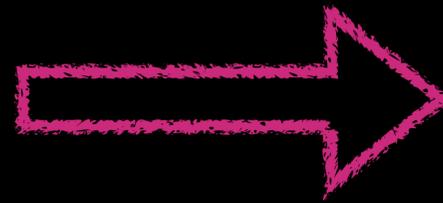
SPICE star-formation

SPICE SN feedback



# Active work

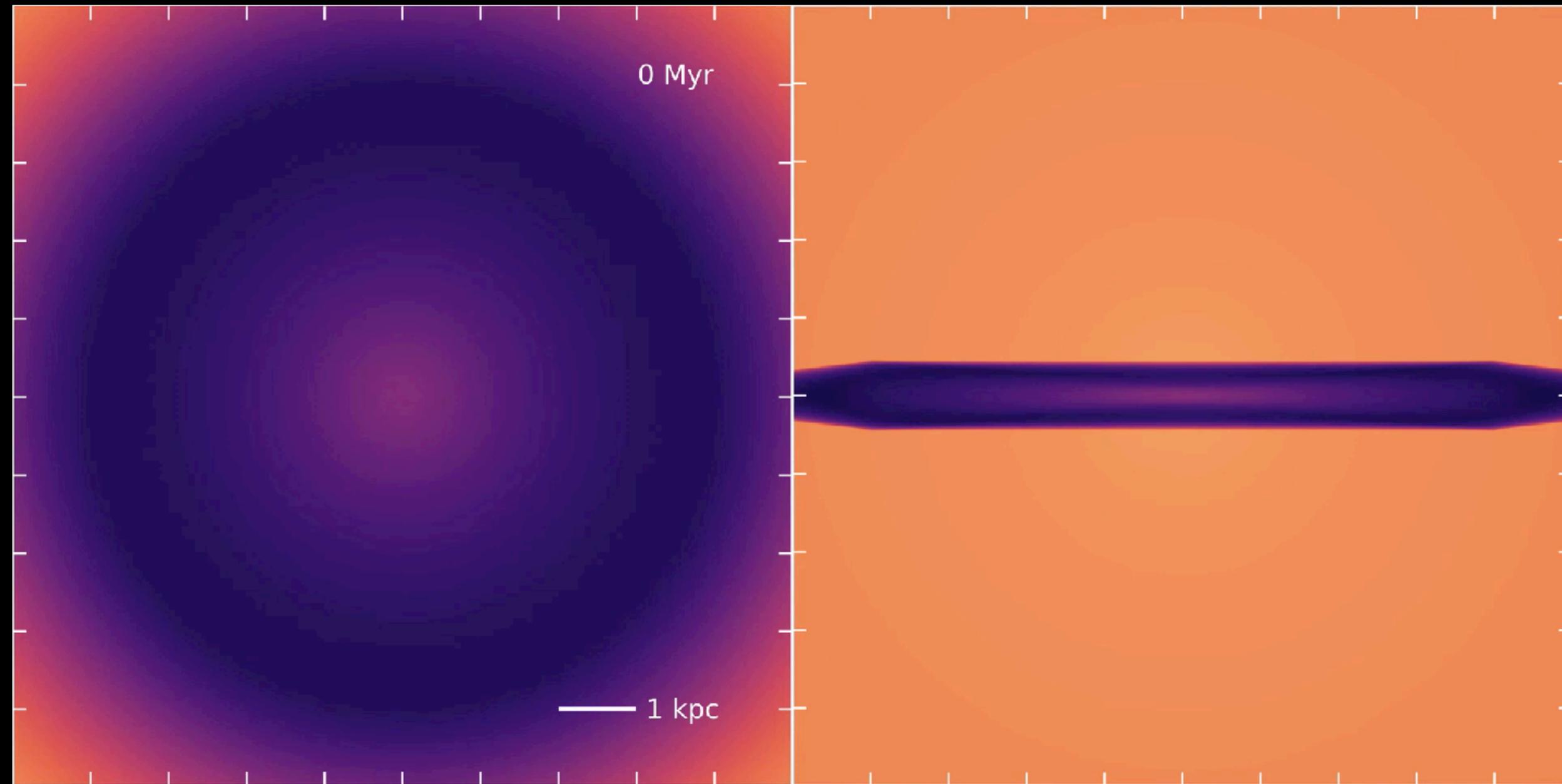
SPICE: Ramses-RT



SPICE: Arepo-RT

# Active work

Evan Schneider ICs

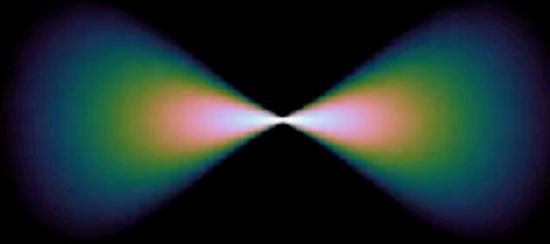


# Active work

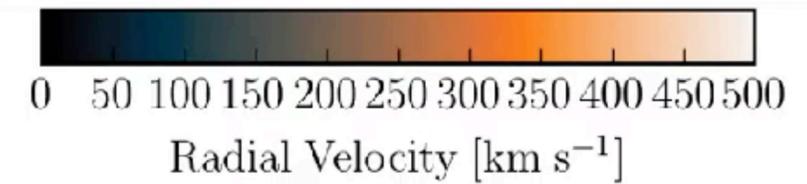
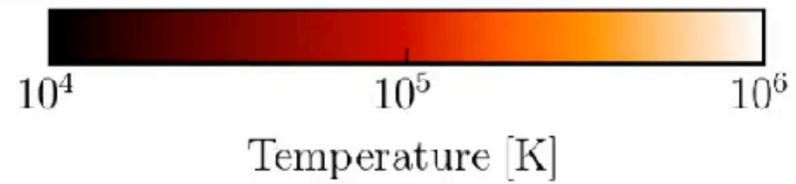
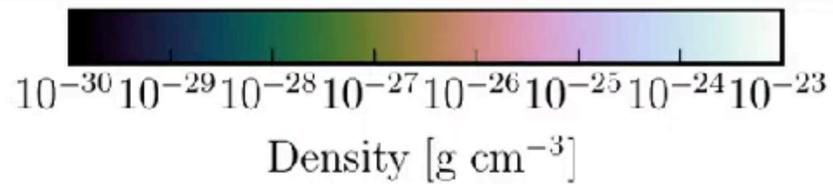
Fielding? ICs

$$\Sigma_{\text{gas}} = 10 M_{\odot} \text{ pc}^{-2} \quad f_{\text{cl}} = 30 \quad f_{\star} = 100$$

$t = 0.0 \text{ Myr}$

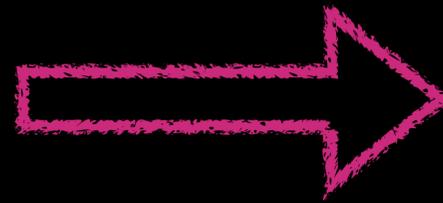


1 kpc



# Active work

SPICE: Ramses-RT



SPICE: Arepo-RT

SPICE star-formation



SPICE SN feedback



SPICE Chemistry



New dust model

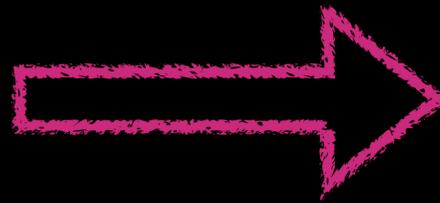


AGN/BHs



# Active work

SPICE: Ramses-RT



SPICE: Arepo-RT

SPICE star-formation

SPICE SN feedback



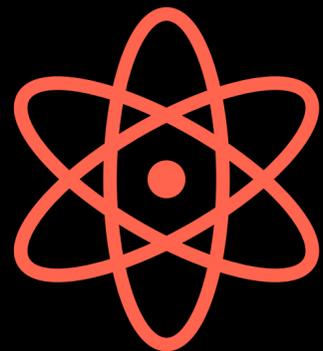
SPICE Chemistry



New dust model

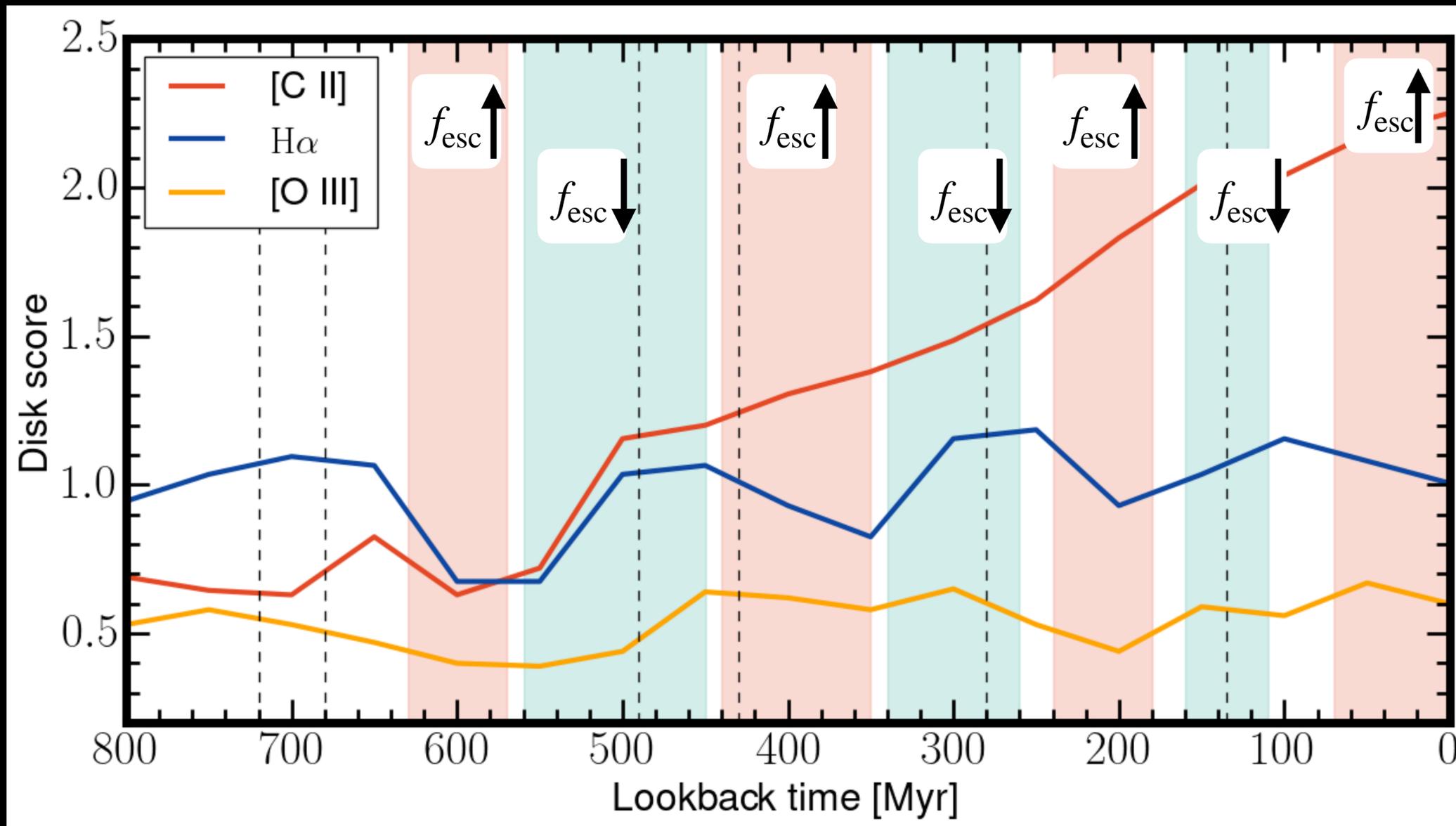


AGN/BHs



Radiation transport

# Ongoing project: Kinematics - LyC connection



Excellent leaker. Lifetime escape fraction ~28%