# Modeling the Interstellar Medium of Local Galaxies
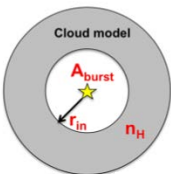
Fiorella Lucia Polles
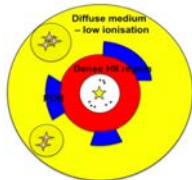*1st year of PhD, Supervisor: Suzanne Madden*
*CEA/IAM, Paris*

## Previously



Modeling the ISM of **Haro 11**



Cormier et al. 2012

## Now

Model different phases of galaxies

self-consistently model the gas and dust of galaxies

for a sample of galaxies in the Local Universe

*Herschel* data
*Spitzer* data

We started with

**galaxy IC 10**