

1 Meeting on 6 September 2019

- overview of Petnica summer institute on Astrophysics
- question: manual by Puls: why is isotropic distribution sampled from $\mu\mu$?
- `pcyg.f90` program
- practical arrangements
- SKIRT code
- discussion of paper (Dimarco+2018)

2 Meeting on 23 September 2019

- convergence plots
- relation $N \sim \tau + \tau^2/2$
- limb darkening

3 Meeting on 30 September 2019

- discussion about x_{\min} and x_{\max}
- discussion about introduction of second line.
 - take into account the Doppler shift because you have two different frames
 - make them radially streaming (release)
 - do step for step:
 - * begin with creating a correct well
- normalized frequency: $x = \frac{\nu - \nu_0}{\nu_0} \frac{c}{v_{\infty}}$
- adding other resonance frequencies, involves enlarging the frequency frame.
- about the goal of the master thesis. Making a master thesis is not doing a course where all is well-defined and *a priori* known.