

**cloud radar Doppler spectra netcdf files**  
(rpgpy format)

manual Doppler  
spectrum peak  
marking

**PEAKO**

training  
data

training

**Doppler spectrum peak finding  
parameters:**

number of time and range averages,  
span & polynomial order for smoothing,  
width & prominence thresholds

config  
file

**PEAKO**  
"standalone"  
peak detection

**PEAKO peak  
netcdf files**  
indices of detected  
peaks + edges

**peakTree**

**converting Doppler spectrum  
into tree:**

peak finding,  
binary tree creation,  
moment estimation

**peakTree output  
netcdf files**  
containing sub-peaks and their  
moments (peak edges, Z,  
MDV, width, skewness, LDR)