



ID de Contribution: 3

Type: **Pitch**

agnpy: numerical modelling of AGN spectra in python

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Built on numpy and astropy, agnpy computes the spectral energy distribution (SED) produced by the synchrotron and inverse Compton radiation of relativistic electrons accelerated in the jets of Active Galactic Nuclei. The radiation field of several AGN components (e.g. Accretion Disk, Broad Line Region, Dust Torus) can be selected as target for the inverse Compton and the gamma-gamma pair-production opacity of the latter can be estimated. agnpy hopes to provide an important missing piece in the growing community of python-based astronomical software.

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Classification de Session: Software Pitches