

**Proposal Abstract:**

We have studied the radiative properties of PSRJ1820-0509. We found that the shape of the average profile under BRIGTH is different from the average profile under normal pulse, and we believe that it may have mode shift. In the case of nulling emission, there is a specific exception where an individual nulling has no signal, but when multiple nulling are folded, their average profile is not nulling, indicating that there is still emission in the nulling mode. Due to the insufficient amount of data, we are not able to carry out energy statistics, all we still need is a portion of the data.