

**Proposal Abstract:**

In this proposal, we aim to conduct scintillation analysis for PSRs J1632-1013 and J1735-0724, whose sight-lines pass through the local Fermi Bubbles, to study their properties. Despite the wealth of observational data on the Fermi Bubbles, there is still a lack of consensus regarding the mechanism that produced these formations. To better understand their properties, we propose analyzing the interstellar scintillation of pulsars passing through the Fermi Bubbles.