

Axion Production in Astrophysical Accelerators

Ani Prabhu (Stanford University)
Patras 2022
August 8, 2022

Based on:

A. Prabhu,
Phys. Rev. D **104**, 055038 (2021).

Ongoing w/

Sam Witte
Dion Noordhuis
Christoph Weniger
Alex Y. Chen
Fábio Cruz

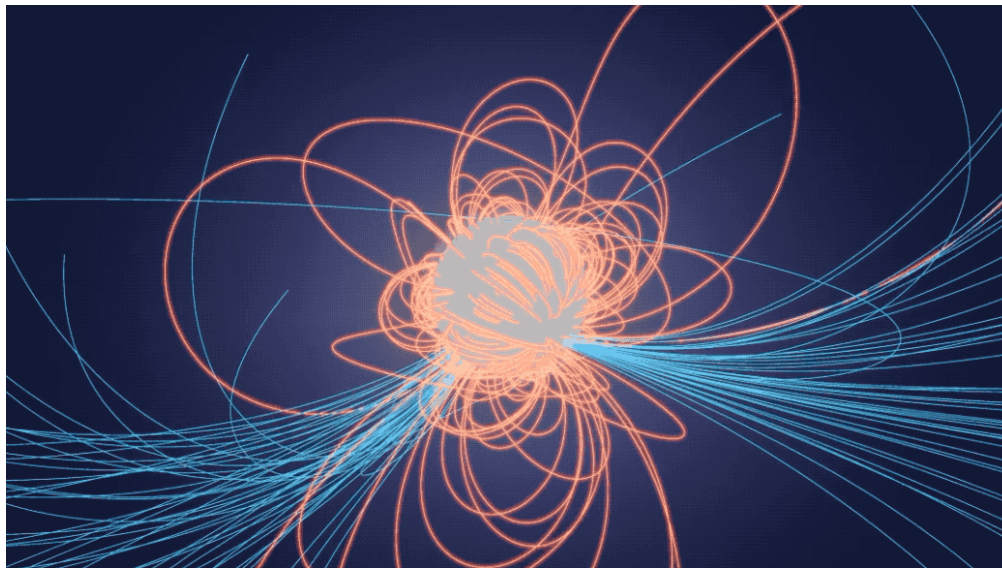
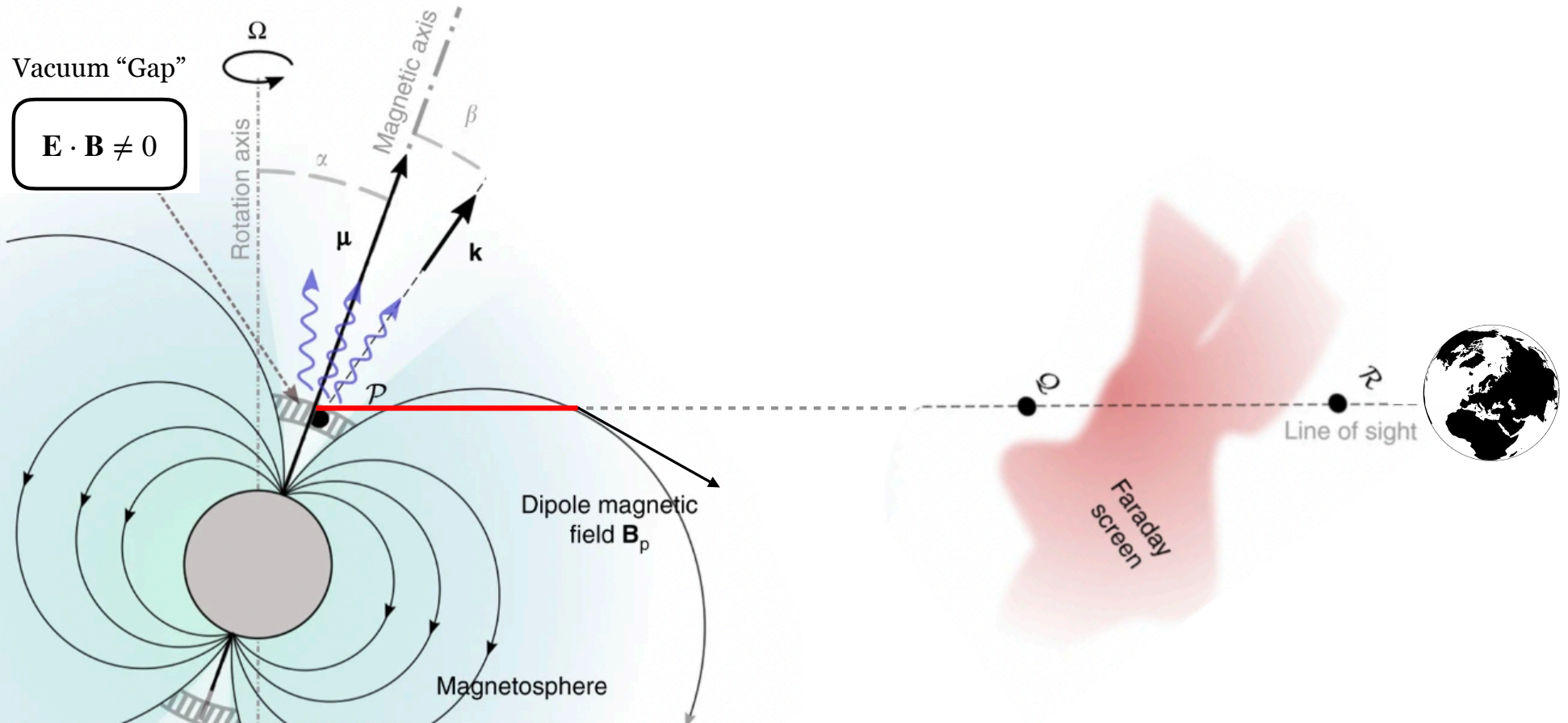


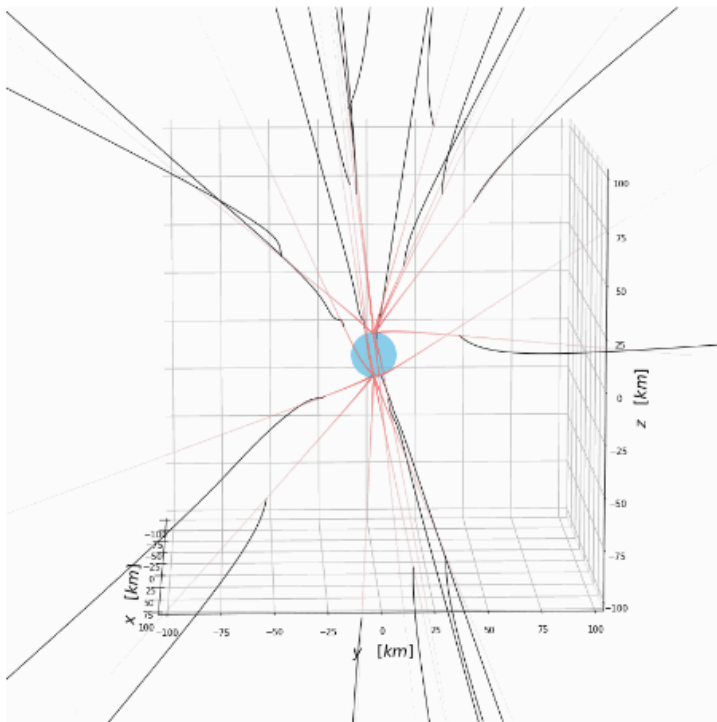
Image Credit: NICER (2019)

Executive Summary



Executive Summary (cont.)

Axion (red) to photon (black) conversion



Strong direction dependence of signal

