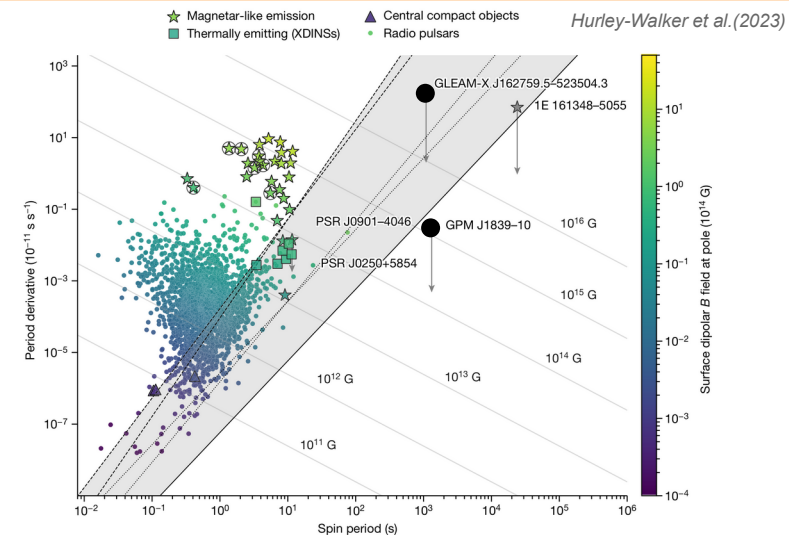
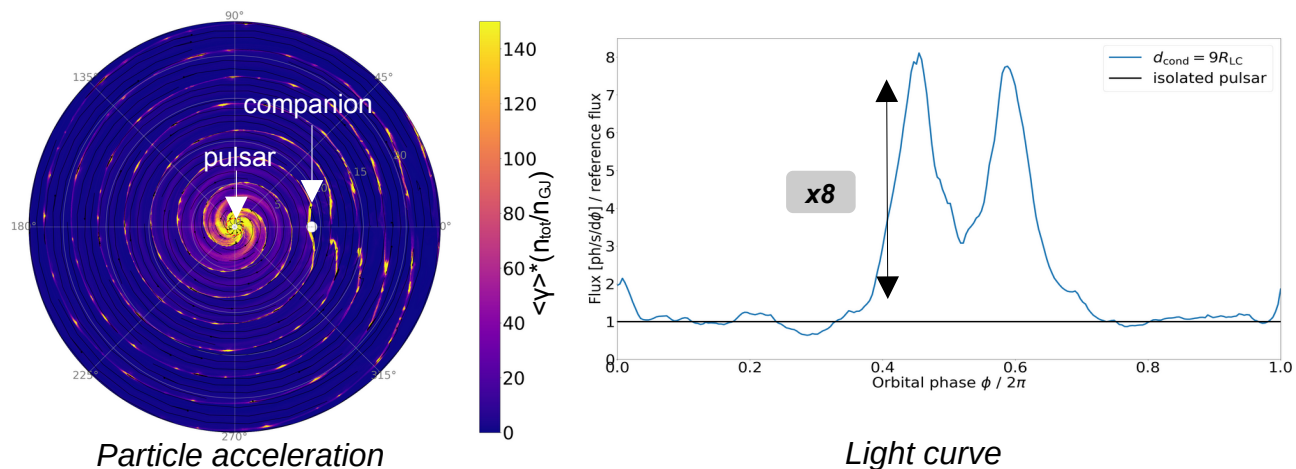


Context



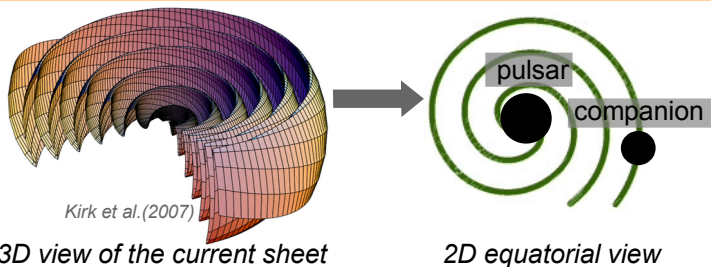
Recent discoveries of long-period radio transients

Results - PIC simulations



Parametric study: different separations and radii of the companion

2D equatorial setup



Conclusions and prospects

- Promising results:
 - enhanced particle acceleration
 - significant increase of the non-thermal radiation
- Next step: BH-NS interaction in GRPIC