

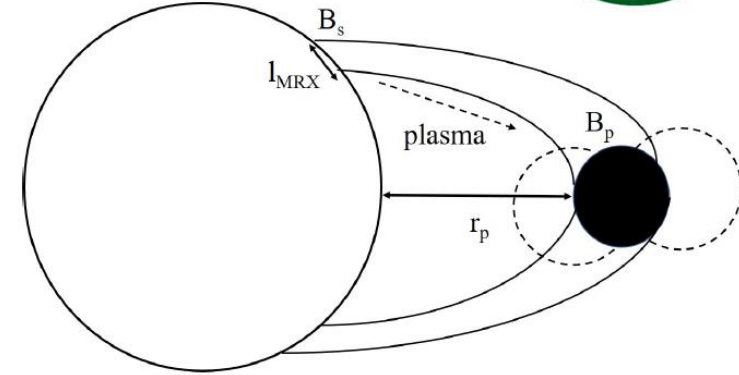
Exoplanetary Synchrotron Radio Bursts

Yang Gao (SYSU); Lei Qian, Di Li (NAOC)

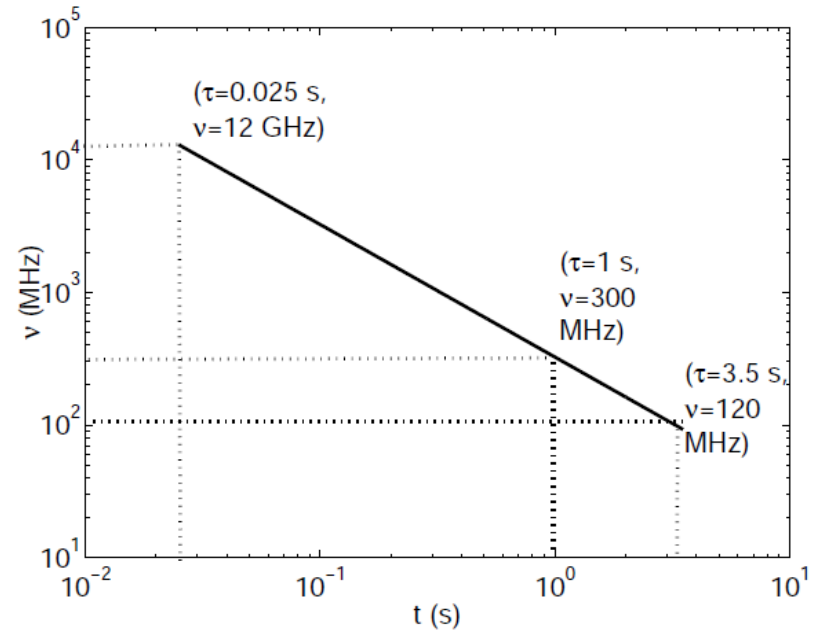
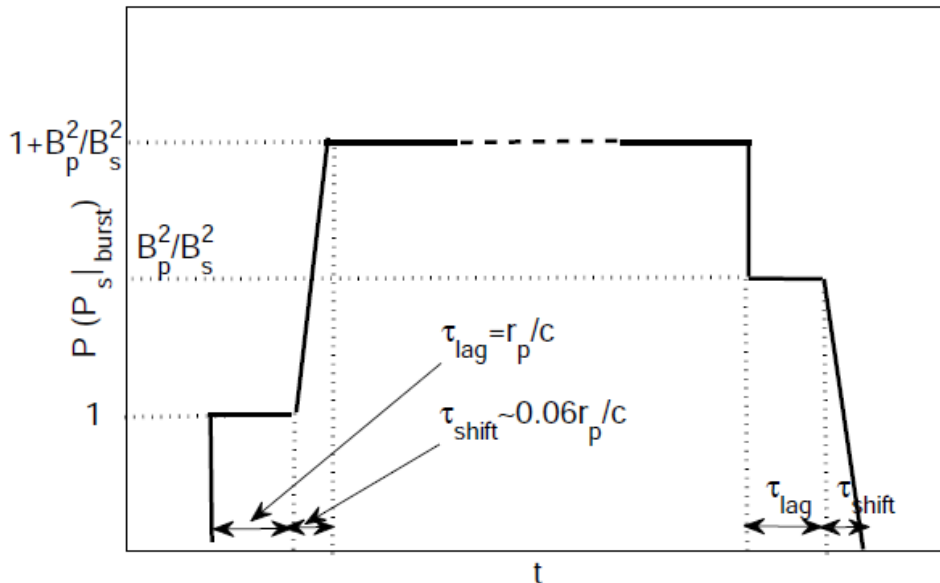


- Planetary Synchrotron Burst

- Source: **MRX at stellar surface**
- Feature (low sensitivity): **orbital phase correlation**
- Feature (high sensitivity): **two step light curve + frequency shift**



Magnetic field structure of close-by star – planet system.



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