

## BURSTS, BOMBS, AND EXPLOSIVE EVENTS

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### 1. NOTES

This is an example of how you use a .bib file in LateX. It seems that the first paper exploring these bursts with IRIS was authored by Hardi Peter ([Peter et al. 2014](#)). [Peter et al. \(2014\)](#) found some very interesting Si IV line profiles that had both large bi-directional Doppler shifts, and absorption for the Ni II photospheric line. [Judge \(2015\)](#) came back in 2015 with a paper refuting that these profiles are the result of magnetic reconnection and instead attributes them to Alfvénic turbulence. It would be worth while to study the differences between these interpretations to determine the real cause of these EEs.

### 2. OPEN QUESTIONS

- Are EEs, Bombs, and Bursts all the same phenomena?
- Are the above actually cause reconnection?

### REFERENCES

Judge, P. G. 2015, ApJ, 808, 116  
Peter, H., et al. 2014, Science, 346, 1255726