

# ***Interactive comment on “An excitation mechanism for discrete chorus elements in the magnetosphere” by Peter Bessalov and Olga Savina***

**SWH Cowley**

swhc1@ion.le.ac.uk

Received and published: 22 June 2018

This short paper proposes an interesting new mechanism for excitation of whistler-mode pulses outside of the plasmasphere where there is no hiss background from which such signals may grow. Instead, it specifically proposes a mechanism for excitation of short pulses (like chorus elements) under special wave conditions due to an energetic electron beam. This seems to be an interesting new possibility that merits attention via the literature.

Interactive comment on Ann. Geophys. Discuss., https://doi.org/10.5194/angeo-2018-38, 2018.

[Printer-friendly version](#)

[Discussion paper](#)

