

Asteroseismology of OB stars with hundreds of single snapshot spectra (and a few time-series of selected targets)

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Imagine we could do asteroseismology of large samples of OB-type stars by using just one spectrum per target. That would be great! But this is probably a crazy and stupid idea. Or maybe not. Maybe we have the possibility to open a new window to investigate stellar oscillations in massive stars that has been in front of us for many years, but has not attracted very much our attention: the characterization and understanding of the so-called macroturbulent broadening in OB-type stars.

Reference: Proceedings IAUS307: New windows on massive stars: asteroseismology, interferometry, and spectropolarimetry. G. Meynet, C. Georgy, J.H. Groh & Ph. Stee, eds
Status: Other

Weblink: <http://arxiv.org/abs/1409.2416>

Comments:

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