

## ***Interactive comment on “Recent variability of the solar spectral irradiance and its impact on climate modelling” by I. Ermolli et al.***

**M. Haberreiter**

margit.haberreiter@pmodwrc.ch

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The COSI code has first been published by Haberreiter, Schmutz, and Hubeny, 2008, A&A. Therefore, when introducing the COSI code on page 24584, line 1 in the paper under discussion, the reference to this paper would be appropriate. Moreover, Haberreiter et al. 2008 describe the implementation of the NLTE ODFs, a method of an iterative treatment of ODFs, that has not been used in any radiative transfer code before. In fact the term NLTE ODFs was created in that paper. Therefore, Haberreiter et al. 2008 should also be cited on page 24589, line1-2, where the NLTE ODFs are discussed.

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