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Studies of the amplitude ratios in the atmosphere of the sun

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Abstract content
 (Max 300 words)

Observational data of the line width measurement, surface luminosity pulsation amplitude, surface velocity amplitude and pulsation amplitude ratio in the solar atmosphere exists. We present an attempt to model the amplitude ratio using a radial pulsation code that includes non-local convection and consistent treatment of radiation. Previous attempts to model the above mentioned data were partially successful because radiation treatment was approximate. In this talk I will discuss the models and some of the results we obtain

Apply to be
 considered for a student
 award (Yes / No)?

Yes

Level for award
 (Hons, MSc,
 PhD)?

PhD

Main supervisor (name and email)
and his / her institution

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Would you like to
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No

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