

# SAIP2013



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## **Studies of the amplitude ratios in the atmosphere of the sun**

Wednesday 10 Jul 2013 at 17:40 (01h00')

### **Abstract :**

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

### **Award :**

Yes

### **Level :**

PhD

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### **Paper :**

No

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