

# SUMMER SCHOOL

7 - 12<sup>th</sup> of June 2015

## Spectroscopy and Physico-Chemistry of Planetary Atmospheres

### Atmosphere

Radiative transfer  
Inversion  
Thermodynamics  
Dynamics  
Remote sensing

### Physico-chemistry

Kinetics  
Laser techniques  
Simulation chambers  
Combustion  
Air quality

### Spectroscopy

Vibration, rotation  
Intensities  
Line profiles  
IR techniques  
Databases

**Villa Clythia  
Fréjus near Nice  
France**

Lectures, tutorials, conferences  
for PhD students, young researchers

Scientific Committee: Thérèse HUET - PhLAM, Christa FITTSCHEN - PC2A,  
Nathalie HURET - LPC2E, Sébastien PAYAN - LATMOS, Agnès PERRIN - LISA,  
Jean VANDER AUWERA - SCQP

website (January 2015): [www.labex-cappa.fr/Spec-Atmos](http://www.labex-cappa.fr/Spec-Atmos)



High Resolution  
**HiResMIR**



**cnes**



Institut  
Pierre  
Simon  
Laplace  
**L-IPSL Labex**

**UPEC**  
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Observatoire des Sciences de l'Univers OSU