

School on Spectroscopy in Astrophysics and Laboratory Plasmas

Instituto de Física Teórica - UNESP, São Paulo, Brasil

July 8 - 9, 2016

Spectroscopy is the most powerful tool in astrophysics and, in the near future, astronomers will have access to large Observatories and projects of giant telescopes. The purpose of this two-day school is to improve the knowledge of the students and young researchers in this area.

This activity will be preceded by the '12th International Colloquium on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas (ASOS12)' to be held at USP-São Paulo on July 4-7, 2016. Candidates may apply either for one or both activities

Lecturers:

Spectroscopy of cool stars

Beatriz Barbuy (USP, Brazil) & **Jorge Meléndez** (USP, Brazil)

Modern techniques in plasma spectroscopy in astrophysics

Peter Beiersdorfer (Lawrence Livermore National Laboratory, USA)

High-resolution X-ray spectroscopy on the eve of Astro-H

Claudio Mendoza (IVIC, Venezuela)

X-ray spectroscopy of Z-pinch

Alla Safronova (University of Nevada-Reno, USA)

Problems of abundance determinations in emission-line nebulae

Grazyna Stasinska (Observatoire Paris-Site de Meudon-LUTH, France)

Organizers: Beatriz Barbuy (USP, Brazil), Claudio Mendoza (IVIC, Venezuela)



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The application deadline is June 20, 2016

The online registration form and more information can be found at:

www.ictp-saifr.org/spectroscopy2016