

São Paulo International Schools on Theoretical Physics

**Nonperturbative QCD***Hadron Structure and Hadronic Matter***May 27 - June 7, 2013****Instituto de Física Teórica - UNESP - São Paulo, Brazil**

The school is geared towards advanced graduate students and young postdocs, and intends to bring them in contact with vibrant ideas at the core of the current research on strong interactions.

Lectures and Lecturers:

There will be four courses. Each course will consist of lectures accompanied by in-depth discussions and hands-on activities.

May 27 – 31

- QCD with a large number of colors
[Thomas Cohen](#) (Univ. Maryland) and [Carlos Schat](#) (Univ. Buenos Aires)
- Effective field theories and soft collinear effective theory
[Aneesh Manohar](#) (UC San Diego) and [Christopher Lee](#) (Los Alamos)

June 3 – 7

- Lattice QCD
[Andreas Kronfeld](#) (Fermilab) and [Tereza Mendes](#) (Univ. São Paulo)
- Gauge/string duality and the quark-gluon plasma
[Andrei Starinets](#) (Univ. Oxford) and [Diego Trancanelli](#) (Univ. São Paulo)

Organizers:

[Gastão Krein](#) (IFT), [Ubirajara van Kolck](#) (IPN Orsay and Univ. Arizona),
[Diego Trancanelli](#) (Univ. São Paulo)

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The online application form and more information can be found at:**www.ictp-saifr.org/QCD**

There is no registration fee. Some funds are available for local and travel support of the participants.

The application deadline is **April 7, 2013.**

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