

# 2015 ICTP Latin-American String School



**CINVESTAV, Mexico City, Mexico**

**October 26 - November 6, 2015**

This two-week ICTP Latin-American String School, now in its 6th edition, will follow the same format as the previous ICTP Latin-American string schools held in Cuba (1998), Mexico (2000), Brazil (2003), Argentina (2007) and Brazil (2010). The first week of the school will provide the traditional foundations of string theory and the second week will continue to more advanced topics. The lectures will assume knowledge of quantum field theory and general relativity at the graduate student level, but will not assume previous familiarity with string theory. There will also be daily discussion sessions and homework exercises.

## **Lecturers:**

**C. Johnson** (U. of Southern California): *Introduction to D-branes*  
**K. Narain** (ICTP-Trieste): *Duality and M-theory*  
**C. Núñez** (U. de Buenos Aires): *Introduction to the Superstring*  
**L. Pando-Zayas** (U. of Michigan): *Gauge/Gravity Correspondence*  
**F. Quevedo** (ICTP-Trieste): *String Phenomenology* (to be confirmed)  
**S. Randjbar-Daemi** (ICTP-Trieste): *Supersymmetry and Supergravity*  
**G. Thompson** (ICTP-Trieste): *Calabi-Yau Compactifications*  
**B. Zwiebach** (MIT): *Introduction to the Bosonic String*

## **Organizers:**

H. García-Compeán (CINVESTAV), O. Loaiza-Brito (U. de Guanajuato), K. Narain (ICTP-Trieste)

## **International Advisory Committee:**

G. Aldazabal (CNEA), N. Berkovits (ICTP-SAIFR/IFT-UNESP), A. Font (UCV), H. García-Compeán (CINVESTAV), K. Narain (ICTP-Trieste), C. Núñez (UBA), V. Rivelles (USP-São Paulo), J. Zanelli (CECS Valdivia)

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

**The application deadline is August 14, 2015**

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

**[www.ictp-saifr.org/lass2015](http://www.ictp-saifr.org/lass2015)**