

# School & Workshop on Density Functional Theory and Quantum Information Theory

Instituto de Física Teórica - UNESP, São Paulo, Brasil

October 23 - 28, 2017



The second edition of the event Density Functional Theory meets Quantum Information Theory aims to bring together leading experts on DFT and QIT in order to explore and support synergies between these exciting fields. The School will start on October 23-26 with theoretical lectures, allowing students to familiarize themselves with fundamental concepts. On October 27-28, ICTP-SAIFR will host the Workshop Density Functional Theory meets Quantum Information Theory, an opportunity for researchers to learn about recent developments and new challenges and to present their results as contributed talks and posters. *There is no registration fee and limited funds are available for local and travel support of participants of the school.*

## Lecturers:

**Eberhard Gross** (MPI of Microstructure Physics, Germany), **Irene D'Amico** (U. of York, UK),  
**Christian Schilling** (U. Oxford, UK), **Giovanni Vignale** (U. Missouri, USA)

The online application form and more information can be found at: <http://www.ictp-saifr.org/DFTmQIT>

## Invited Speakers:

**Sadhan Adhikari** (IFT-UNESP, Brazil)

**Francisco Alcaraz** (IFSC – USP, Brazil)

**Celso Villas Boas** (UFSCar, Brazil)

**Amir Caldeira** (UNICAMP, Brazil)

**Marcelo Terra Cunha** (UNICAMP, Brazil)

**Belita Koiller** (UFRJ, Brazil)

**Chiara Machiavelli** (U. Pavia, Italy)

**André Malvezzi** (FC-UNESP, Brazil)

**Luiz Nunes de Oliveira** (IFSC – USP, Brazil)

**Marcos de Oliveira** (UNICAMP, Brazil)

**Raimundo Rocha dos Santos** (UFRJ, Brazil)

**Marcelo Sarandy** (UFF, Brazil)

**Juarez Lopes Ferreira da Silva** (IQSC – USP, Brazil)

**Lauro Tomio** (IFT-UNESP, Brazil)

**Paulo Nussenzeig** (IF-USP, Brazil)

**Stefano Pittalis** (Istituto Nanoscienze, Italy)

**Anna Sanpera** (U. Autònoma de Barcelona, Spain)

**Roberto Serra** (UFABC, Brazil)

**Claudio Verdozzi** (Lund U., Sweden)

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**Organizers:** V.V. França (IQ/UNESP), A.R. Rocha (IFT/UNESP), K.Capelle (UFABC), I. D'Amico (U. of York)



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**The application deadline is August 18, 2017**