

# WORKSHOP ON STRONG ELECTRON CORRELATIONS IN QUANTUM MATERIALS: INHOMOGENEITIES, FRUSTRATION, AND TOPOLOGY

**August 14-18, 2018**

**at Instituto de Física Teórica - UNESP, São Paulo, Brazil**

## SPEAKERS

**Gabriel Aeppli** (Paul Scherrer Institute, Switzerland)  
**Maria Carolina Aguiar** (UFMG, Brazil)  
**Marcos Avila** (UFABC, Brazil)  
**Luis Balicas** (National High Magnetic Field Laboratory, USA)  
**Fernando Garcia** (USP, Brazil)  
**Eduardo Granado** (UNICAMP, Brazil)  
**Amit Ghosal** (IISER Kolkota, India)  
**Igor Herbut** (Simon Fraser University, Canada)  
**Eduardo Marino** (UFRJ, Brazil)  
**Tobias Micklitz** (CBPF, Brazil)  
**Eduardo Miranda** (UNICAMP, Brazil)  
**Cristiane Morais Smith** (Utrecht U., The Netherlands)  
**Eduardo Mucciolo\*** (U. of Central Florida, USA)  
**Rajesh Narayanan** (IITM, Chennai, India)  
**Thereza Paiva** (UFRJ, Brazil)  
**Rodrigo Pereira** (International Institute of Physics-UFRJ, Brazil)  
**Dragana Popovic** (National High Magnetic Field Laboratory, USA)  
**Gil Refael\*** (Caltech, USA)  
**Sri Raghu** (Stanford U., USA)  
**Marcelo Rozenberg** (U. Paris-Sud, France)  
**Raimundo R. Santos** (UFRJ, Brazil)  
**Eduardo Silva Neto** (U. of California Davis, USA)  
**Oskar Vafek** (National High Magnetic Field Laboratory, USA)  
**Thomas Vojta** (Missouri U. of Science and Technology, USA)  
**Wei Ku** (Shanghai Jiao Tong U., China)

*\*to be confirmed*

The last decades have seen much progress in the field of Condensed Matter Physics, driven primarily by the experimental discovery of a number of novel materials displaying exotic behavior. It has become clear that many of these interesting properties arise from strong interactions between their constituent electrons, with growing evidence of the key role played by inhomogeneities, frustration and topological aspects of the matter. This area of Strongly Correlated Electronic systems has become one of the most interesting, active, and intellectually challenging fields in Condensed Matter Physics. In this workshop, we bring together experts working on this challenging and rapidly evolving field, to present their experimental and theoretical progress.

*There is no registration fee.*

**Registration deadline:**

**June 15, 2018**

**Online registration form and information:**

**<http://www.ictp-saifr.org/qmaterial18>**

## ORGANIZERS

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