

Advanced Lectures on  
Theoretical Physics and Mathematics

# CONDENSED MATTER FIELD THEORY

MARCH 11 - JULY 31, 2024, ONLINE

PHYSICS LATAM

## Guest Speakers

**Alexander Altland** (University of Cologne)

**Johanna Erdmenger** (University of Würzburg)

**Cristiane Morais-Smith** (Utrecht University)

**Rahul Nandkishore** (University of Colorado Boulder)

**Steven H. Simon** (University of Oxford)

**Ruben Verresen** (University of Chicago)

## Lecturer

**Mateo Moreno Gonzalez** (University of Cologne)

## Teaching Assistants

**Weyner Ccuiro Montalvo** (SISSA)

**Ronald Cortes Santamaria** (SISSA)

## Organizer

**Daniel Galviz** (Tsinghua University)

## Call for Application

Program & Application website :

[www.physicslatam.com/cmft](http://www.physicslatam.com/cmft)

Deadline of the application February 20, 2024

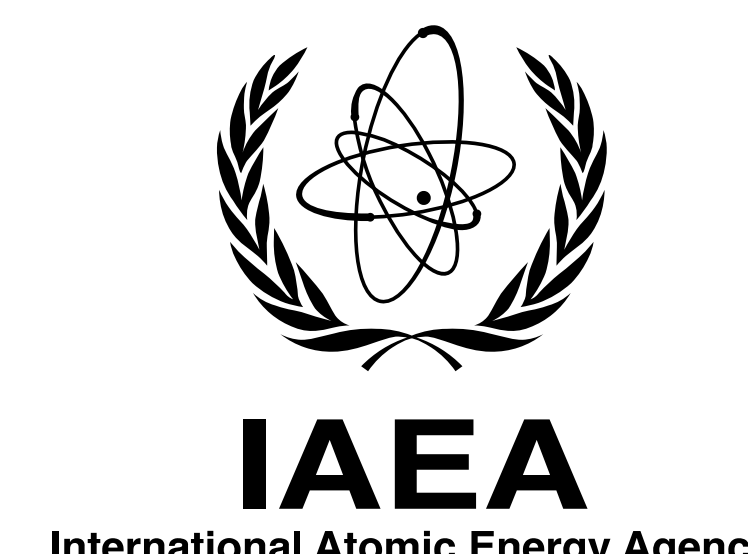
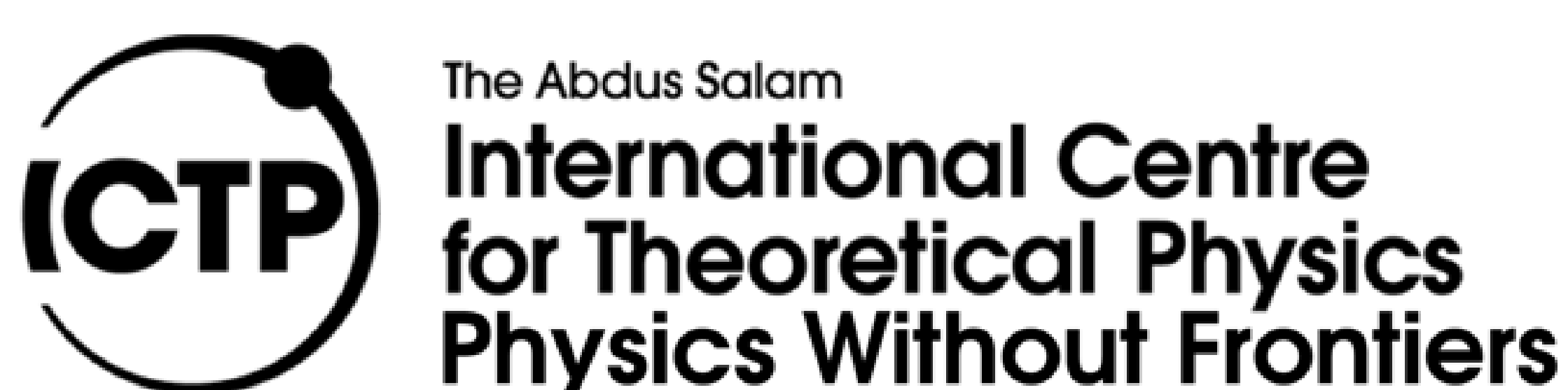
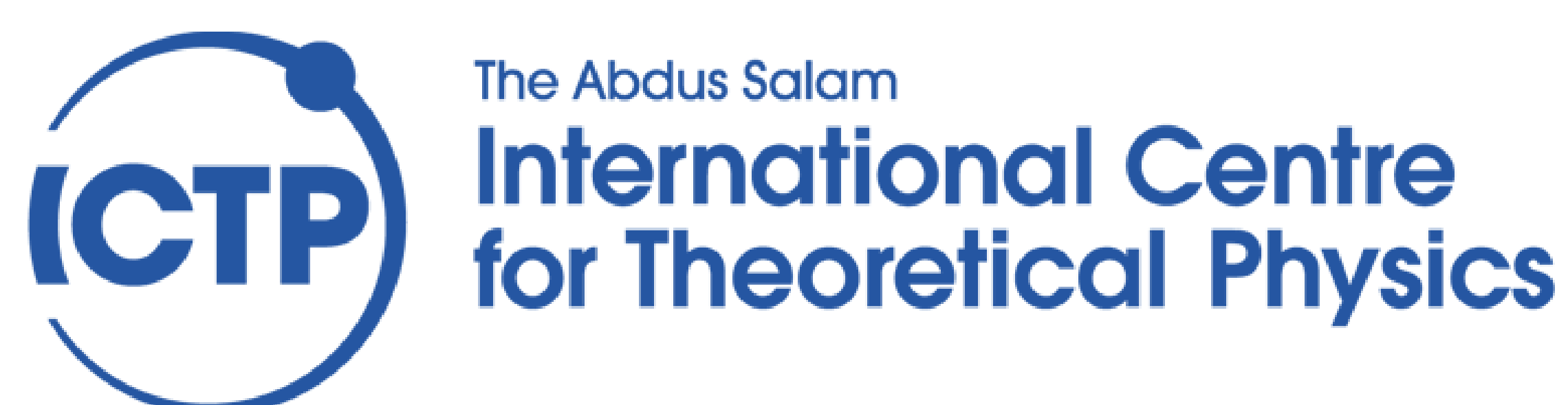


## Topics

- Summary of Electrons in Solids
- Second Quantization in CM
- Feynman Path Integral in CM
- Perturbation Theory in CM
- Symmetry Breaking and Collective Phenomena

## Contact Us

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