



**INDO-FRENCH CENTRE FOR
APPLIED MATHEMATICS (IFCAM)**

MATHEMATICAL ASPECTS OF QUANTUM MECHANICS

June 1-12, 2022
Indian Institute of Science
Bangalore, India

SPEAKERS

Abishek Dhar, ICTS (Bangalore)

Tristan Benoist, UT 3 (Toulouse)

Uwe Franz, UBFC (Besançon)

Benoit Collins, KyotoU (Kyoto)

B V Rajarama Bhat, ISI
(Bangalore)

Ion Nechita, UT 3 (Toulouse)

ORGANIZING COMMITTEE

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(Toulouse)

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Jacques Giacomoni, UPPA (Pau)

Uwe Franz, UBFC (Besançon)

Ion Nechita, UT 3 (Toulouse)

Denis Rochette, UT 3 (Toulouse)

WHO CAN APPLY

PhD scholars, Masters and
senior BS-MS/BE/BTech
students are eligible to apply.

The Indo-French Centre for Applied Mathematics (IFCAM) has been jointly set up by the Indian and French Governments at the Indian Institute of Science, Bangalore as international joint research unit. IFCAM is designed as a platform for cooperation in mathematical sciences with the primary focus being the area of applied mathematics.

As part of its activities, IFCAM is organizing a Summer School on Mathematical Aspects of Quantum Mechanics. This summer school will start with the quantum first passage and first return problems and then go on to an introduction to quantum trajectories, semigroups of positive maps, equivariance and positivity, C^* -convexity and completely positive maps, and a mathematical introduction to quantum entanglement. A more detailed list of topics to be covered can be found on the website:

<https://ifcam.sciencesconf.org/> OR
<http://math.iisc.ac.in/~ifcam/>

Deadline: **May 20, 2022**

For online registration and other details, please visit:
[https://ifcam.sciencesconf.org/
registration](https://ifcam.sciencesconf.org/registration)

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