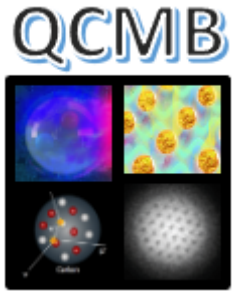
Session Program

Nov 22 – 24, 2022



Quantum Computing for Many-Body problems (QCMB): atomic nuclei, neutrinos, and other strongly correlated Fermi systems

Afternoon session 1

IJCLab, Amphitheater Joliot Curie, IJCLab Bat 100

Tue, November 22

3:30 PM

Afternoon session 1

Session | **Location:** IJCLab, Amphitheater Joliot Curie, IJCLab Bat 100

3:30 – 4:05 PM

Quantum information as a tool to quantify correlations in nuclear structure

Speaker
Luis Robledo

4:05 – 4:30 PM

Gray code implementation of the many-body Hamiltonian: Recent progress and future perspectives in quantum computing

Speaker
Ermal Rrapaj

4:30 – 4:55 PM

Efficient Hamiltonian encoding and gate simulations on quantum computers

Speaker
Manqoba Hlatshwayo

5:00 PM