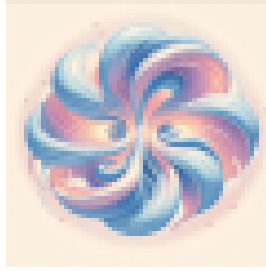


# The 8th International Conference on Chirality, Vorticity and Magnetic Field in Quantum Matter



ID de Contribution: 75

Type: **Invited Talk**

## Phase diagram under rotation and magnetic field

*mercredi 24 juillet 2024 14:30 (45 minutes)*

I will review the recent discussions on the phase diagram under rotation and magnetic field. The interpretation of rotation effects on the QCD phase transition is still controversial, and the coexisting of rotation and magnetic field makes the physical system even more confusing. The talk will go through results from lattice results, model calculations, perturbative QCD, as well as the latest surprise from general analysis.

**Auteur principal:** Prof. FUKUSHIMA, Kenji (The University of Tokyo)

**Orateur:** Prof. FUKUSHIMA, Kenji (The University of Tokyo)

**Classification de Session:** Plenary