

# 9<sup>TH</sup> CONFERENCE ON CHIRALITY, VORTICITY AND MAGNETIC FIELDS IN QUANTUM MATTER



**July 7 – 11, 2025**

**at Principia Institute, São Paulo, Brazil**

## SPEAKERS

**Alejandro Ayala** (UNAM, Mexico)  
**Francesco Becattini** (Florence, Italy)  
**Maxim Chernodub** (Université de Tours, France)  
**Ricardo Farias** (UFSM, Brazil)  
**Eduardo Fraga** (UFRJ, Brazil)  
**Kenji Fukushima** (University of Tokyo, Japan)  
**Luis Hernandez** (UAM, Mexico)  
**Huan Zhong Huang** (UCLA, USA, and Fudan, China)  
**Mei Huang\*** (UCAS, Beijing, China)  
**Dmitri Kharzeev\*** (Stony Brook Uni. and BNL, USA)  
**Gastão Krein** (UNESP, Brazil)  
**Jinfeng Liao** (Indiana University, USA)  
**Michael Lisa** (Ohio State University, USA)  
**Marcelo Loewe** (Universidad San Sebastian, Chile)  
**Enrique Muñoz** (PUC, Chile)  
**Fernando Navarra** (USP, Brazil)  
**Alfredo Raya** (UMSNH, Mexico)  
**Norberto Scoccola** (UNSAM, Argentina)  
**Igor Shovkovy** (Arizona State University, USA)  
**Aihong Tang** (BNL, USA)  
**Maria Elena Tejada** (UniCol, Mexico)  
**Cristian Villavicencio** (UBB, Chile)  
**Sergei Voloshin** (Wayne State, USA)

\*To be confirmed

This event is the 9th conference in the series on Chirality, Vorticity, and Magnetic Field in Heavy-Ion Collisions, which has been extended in 2024 to include other domains of Quantum Matter.

This one-week conference brings together researchers from different domains of physics, both from theoretical and experimental communities, to discuss new avenues in exploring chiral and vortical phenomena and associated electromagnetic effects in strongly interacting matter, heavy-ion collisions, superconductors, (magneto-)hydrodynamical systems and astrophysical objects.

**Registration deadline:**

**May 17, 2025**

**Online registration  
and more information:**

**[ictp-saifr.org/ccvmfqm2025](https://ictp-saifr.org/ccvmfqm2025)**

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(Goethe Universitat, Germany)

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