

CCMI 2024

Cold and Controlled Molecules & Ions

September 2–6, 2024

Institute of Science and Technology Austria

SCOPE

The goal of this biannual conference series is to bring together prominent scientists who share an interest in cold and controlled molecules and ions in the context of physics and chemistry, both experimentalists and theorists.

TOPICS

- Cold controlled collisions
- Cold and ultracold chemistry
- Quantum simulation with ultracold molecules
- High-precision spectroscopy with ultracold molecules
- Molecular control and alignment
- Spectroscopy and dynamics in He droplets and para-H₂
- Spectroscopy of cold ions in cryogenic traps
- Ultracold polyatomic molecules

INVITED SPEAKERS

Anastassia Alexandrova
Markus Arndt
Anastasia Borschevsky
Sandra Brünken
Sandra Eibenberger-Arias
Wolfgang Ernst
Tomás González-Lezana
Nadine Halberstadt
Kaden Hazzard
Tijs Karman
Svetlana Kotochigova
Bas van de Meerakker
Debayan Mitra
Jesús Pérez Ríos
Gerhard Rempe
Amit Samanta
Melanie Schnell
Michael Tarbutt
Jutta Toscano
Hannah Williams
Valentina Zhelyazkova

LOCATION

Institute of Science and Technology Austria,
Am Campus 1, 3400 Klosterneuburg [near Vienna]

ORGANISATION

Katrin Erath-Dulitz (Universität Innsbruck)
Mikhail Lemeshko (ISTA)

WEBSITE

<https://ccmi2024.ista.ac.at/>

SUBMISSION DEADLINE

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[abstract + registration]

