

# ITAMP News

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2024-2025

# **Upcoming Events**

#### **Laboratory Cosmology: Table-top AMO for Fundamental Physics**

Organizers: Shimon Kolkowitz (UC Berkeley), Andrew Jayich (UC Santa Barbara) and Tanya Zelevinsky (Columbia University)

October 3 - 4, 2024

#### What's the future of AMO physics theory?

Organizers: Kaden Hazzard and Hossein Sadeghpour October 16 - 18, 2024

Winter Graduate School on Quantum information, simulation and many-body interactions

February 16 - 22, 2025

#### ITAMP is thirty five years old!



A Symposium on Science @ ITAMP group photo May 2024

## **Here and Coming Visiting Fellows**

Chih Chun Chien (UC - Merced) August 2023- June 2024 Amichay Vardi (Ben-Gurion) October 2023 - September 2025 Peter Schmelcher (Uni. of Hamburg) April 2024 - July 2024 Daniel Vrinceanu (Texas Southern Uni.) June 2024 - July 2024 Bihui Zhu May 2024 - July 2024

Tijs Karman (Radboud University) June 24, 2024 - July 1, 2024 Francis Robicheaux September 2024

Andrei Derevianko (Uni. of Nevada, Reno) March 2025

# Recent Events 2023 - 2024

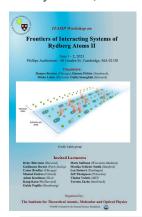
Frontiers of Interacting Systems of Rydberg Atoms II June 1 - 2, 2023

Topological phases and strong correlations in many-body systems and light-matter hybrids November 6 - 8, 2023

2024 Dalgarno Memorial Lectures (Prof. Jun Ye) February 5-8, 2024

2024 Winter Graduate School on AMO Physics, "Ouantum Thermodynamics: quantum many-body meets thermodynamics" February 18 -24, 2024

A Symposium on Science at ITAMP May 16 - 17, 2024









SEND YOUR STUDENTS TO THE ITAMP 2025 WINTER SCHOOL (a) BIOSPHERE!

The ITAMP Winter Graduate School will be held on the Biosphere Campus near Tucson, Arizona on February 16 -22, 2025. Stay tuned.

Visit: https://lweb.cfa.harvard.edu/itamp-events/winterschool

## **Big News**



ITAMP is thirty five years old! On May 16 and 17, 2024, we celebrated in style the 35th anniversary of ITAMP in Cambridge. There were two days of scientific discussions, a poster session and working lunches. The dinner was held at the Harvard faculty club. There were more than 55 fellows in attendance.

## 2024 Fellows



Ilya Tutunnikov ITAMP Welcomes Ilya Tutunnikov as a new fellow. Ilya was at (MIT). He arrived May 2024.



**Reuben Wang**ITAMP Welcomes Reuben Wang as a new fellow. Reuben is at JILA. He will arrive in Fall 2024.



**Sven Jandura**ITAMP Welcomes Sven Jandura as a new fellow. Sven is at University of Strasbourg. He will arrive in Fall 2024.

ITAMP 2025 Postdoctoral Fellowship application will open in Fall 2024

https://pyweb.efa.baryard.edu/opportunities/fellowships.visit

https://pweb.cfa.harvard.edu/opportunities/fellowships-visiting-scientist-positions/itamp-postdoctoral-fellowship

## To New and Better things



**Simeon Mistakidis** 

Simeon has moved on as the newly assistant professor of Physics at Missouri University of Science and Technology. Congratulations are due to Simeon.



Vasilis Rokaj

Vasilis will move to Villanova University on a tenure track position in the Fall. He will be missed at ITAMP.



**Ceren Dag** 

Ceren will join the faculty of physics at Indiana University in Bloomington in the Fall. We wish her much future success.

## 2024 Dalgarno Memorial Lecturer



Professor Jun Ye gave the 2024 Dalgarno Memorial Lecture.

**Lecture 1:** Celebrating Dalgarno's Serendipitous Journey - Building atomic clocks for fundamental physics

**Lecture 2**: Quantum degenerate gas of polar molecules

Lecture 3: Molecules under new light

https://lweb.cfa.harvard.edu/itamp-lectures/dalgarno-memorial-lectures

Donate to *The Dalgarno*Memorial
Lectures Endowment Fund

https://lweb.cfa.harvard.edu/itamp-lectures/dalgarno-memorial-lectures

Contact the ITAMP Coordinator **Jaclyn Donahue** for information and questions at jaclyn.donahue@cfa.harvard.edu

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