

Chez Pierre Seminar Series

by Condensed Matter Group

Mondays at noon ET in the Duboc Seminar Room (4-331) unless otherwise stated.

Spring 2026

February 3, 2026 (Special Chez Pierre seminar at 10:00 am, Tuesday)

Speaker: Ruben Verresen, University of Chicago

Title: **What Holds Topological Quantum Matter**

Together? https://physics.mit.edu/wp-content/uploads/2026/01/Ruben-Verresen_-Chez-Pierre-poster.pdf

Host: [Senthil Todadri](#)

February 5, 2026 (Special Chez Pierre seminar at 12:00 noon, Thursday)

Speaker: Bowen Shi, University of Illinois, Urbana-Champaign

Title: **What Is the Entanglement Bootstrap?** https://physics.mit.edu/wp-content/uploads/2026/01/Bowen-Shi_-Chez-Pierre-poster.pdf

Host: [Senthil Todadri](#)

February 9, 2026

Speaker: Patrick Ledwith, MIT

Title: **“Strong Correlations in Topological**

Bands” https://physics.mit.edu/wp-content/uploads/2026/01/Patrick-Ledwith.-Chez-Pierre_announcement-poster.pdf

Host: [Senthil Todadri](#)

February 16, 2026

Presidents' Day Holiday- No seminar)

February 17, 2026 (Special Chez Pierre seminar at 12:00 noon, Tuesday)

Speaker: Carolyn Zhang, Harvard University

Title: **“Family trees for fractional quantum Hall states“**

[https://physics.mit.edu/wp-content/uploads/2026/02/Carolyn-Zhang_-](https://physics.mit.edu/wp-content/uploads/2026/02/Carolyn-Zhang_-Pierre_announcement-poster-Chez-Pierre-poster.pdf)

[Pierre_announcement-poster-Chez-Pierre-poster.pdf](https://physics.mit.edu/wp-content/uploads/2026/02/Carolyn-Zhang_-Pierre_announcement-poster-Chez-Pierre-poster.pdf) Host: [Senthil Todadri](#)

February 24, 2026 (Cancelled)

Special Chez Pierre seminar at 10:00 am, Tuesday

Speaker: Ethan Lake, UC Berkeley

Title: “**Many-body memories**” https://physics.mit.edu/wp-content/uploads/2026/02/Ethan-Lake-Chez-Pierre_announcement-poster-Ethan-Lake_Chez-Pierre_announcement-poster68.pdf

Host: [Senthil Todadri](#)

February 23, 2026 (Cancelled)

Speaker: Dima Feldman, Brown University

Title: “**Interferometry revisited**” https://physics.mit.edu/wp-content/uploads/2026/01/Dima-Feldman_-Chez-Pierre-poster-1.pdf

Host: [Zhurun \(Judy\) Ji](#)

February 25, 2026 (Special Chez Pierre seminar at 12 pm noon, Wednesday)

Speaker: Ethan Lake, UC Berkeley

Title: “**Many-body memories**” https://physics.mit.edu/wp-content/uploads/2026/02/Ethan-Lake-Chez-Pierre_announcement-poster-Ethan-Lake_Chez-Pierre_announcement-poster6877.pdf

Host: [Senthil Todadri](#)

March 2, 2026

Speaker: Chunli Huang, University of Kentucky

Title: “**Microscopic Origin of Orbital Magnetization in Chiral Superconductors and Intervalley Coherent States**” https://physics.mit.edu/wp-content/uploads/2026/02/Chunli-Huang_-Chez-Pierre-poster.pdf

Host: [Leonid S. Levitov](#)

March 9, 2026

Speaker: Xavier Roy, Columbia University

Title: “**Quantum complexity in simple materials**”. https://physics.mit.edu/wp-content/uploads/2026/01/Xavier-Roy.-Chez-Pierre_announcement-poster.pdf

Host: [Riccardo Comin](#)

March 13, 2026 (Special Chez Pierre seminar 11 am, Friday)

Speaker: Tim Hsieh, Perimeter

Title: “**Decodable and Unlearnable Phases and**

Transitions” https://physics.mit.edu/wp-content/uploads/2026/02/Tim-Hsieh_-Chez-Pierre-poster.pdf. Host: [Liang Fu](#)

March 16- 20, 2026

No Chez Pierre seminar due to March APS meeting

March 23-27

Spring Break Week

March 30, 2026

Speaker: Sitan Chen, Harvard University

Title: “**Theory for diffusion models**” https://physics.mit.edu/wp-content/uploads/2026/03/Sitan-Chen_-Chez-Pierre-poster.pdf

Host: [Liang Fu](#)

April 6, 2026

Speaker: Dima Feldman, Brown University

Title: “**Interferometry revisited**”. https://physics.mit.edu/wp-content/uploads/2026/02/Dima-Feldman-Pierre_announcement-poster-Dima-Feldman_-Chez-Pierre-poster-1.pdf

Host: [Zhurun \(Judy\) Ji](#)

April 13, 2026

Speaker: Pavel Volkov, University of Connecticut

Title: “**Uncharted moiré territories: square lattices, 3D spirals and twisted superconductors.**”https://physics.mit.edu/wp-content/uploads/2026/04/Pavel-Volkov-Chez-Pierre_announcement-poster-copy.pdf

Host: [Leonid S. Levitov](#)

April 20, 2026

Patriots’ Day Holiday, No seminar

April 27, 2026 (Hybrid Seminar)

Speaker: Kevin P. Nuckolls, MIT

Title: “**Moiré Crystals: Simulators of Higher-Dimensional Physics**” https://physics.mit.edu/wp-content/uploads/2026/04/Kevin-P.-Nuckolls_-Chez-Pierre_announcement-poster.pdf

Host: [Pablo Jarillo-Herrero](#)

May 1, 2026 (Special Chez Pierre seminar at 11 am, Friday)

Speaker: Dmitry Green, Boston University

Title: “**Building Topological Quantum Matter in Superconducting Wire Arrays as a Path Towards Quantum**

Computing” https://physics.mit.edu/wp-content/uploads/2026/03/Dmitry-Green-Chez-Pierre_announcement-poster-copy.pdf

Host: [Liang Fu](#)

May 4, 2026

Speaker: Xiaomeng Liu, Cornell University

Title: “**Real-space Imaging of Quantum Hall**

Quasiparticles” https://physics.mit.edu/wp-content/uploads/2026/03/Xiaomeng-Liu-Chez-Pierre_announcement-poster-copy-1.pdf

Host: [Long Ju](#)

May 11, 2026 (Hybrid Seminar)

Speaker: Alex Levchenko, U Madison-Wisconsin

Title: “**Theories of superconducting diode**

effects”. https://physics.mit.edu/wp-content/uploads/2026/04/Alex-Levchenko_Chez-Pierre_announcement-poster-copy.pdf

Host: [Leonid S. Levitov](#)