

# **Chez Pierre Seminar Series**

by Condensed Matter Group

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

**Fall 2025**

**September 8, 2025**

Speaker: Ken Burch, Boston College

Title: “**Hidden Ferro-rotational Orbital Order and Axial Higgs in 2D RTe<sub>3</sub>**”

[https://physics.mit.edu/wp-content/uploads/2025/06/Ken-Burch--Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/06/Ken-Burch--Chez-Pierre_announcement-poster.pdf)

Host: [Riccardo Comin](#)

**September 15, 2025**

Speaker: Alexander Von Hoegen, MIT

Title: “**Controlling THz Light-Matter Coupling to Manipulate Layered Quantum Materials**”

[https://physics.mit.edu/wp-content/uploads/2025/09/Alexander-von-Hoegen-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/09/Alexander-von-Hoegen-Chez-Pierre_announcement-poster.pdf)

Host: [Nuh Gedik](#)

**September 22, 2025**

Speaker: Daniel Kaplan, Rutgers University

Title: “**Designing crystal structures with stacking and light**”

[https://physics.mit.edu/wp-content/uploads/2025/09/Daniel-Kaplan-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/09/Daniel-Kaplan-Chez-Pierre_announcement-poster.pdf)

Host: [Leonid S. Levitov](#)

**September 23, 2025 (Special Chez Pierre seminar- Tuesday at 12 pm noon)**

Speaker: Chenhao Jin, UC Santa Barbara

Title: **“Beyond the Ground State: Nonequilibrium Probes of the Correlated Flatland”**

[https://physics.mit.edu/wp-content/uploads/2025/09/Chenhao-Jin-Chez-Pierre\\_announcement-poster-1.pdf](https://physics.mit.edu/wp-content/uploads/2025/09/Chenhao-Jin-Chez-Pierre_announcement-poster-1.pdf)

Host: [Liang Fu](#)

**September 29, 2025**

Speaker: Sankar Das Sarma, University of Maryland

Title: **Majorana zero modes: What, why, how, when?**

[https://physics.mit.edu/wp-content/uploads/2025/09/Sankar-Das-Sarma-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/09/Sankar-Das-Sarma-Chez-Pierre_announcement-poster.pdf)

Host: [Long Ju](#)

**October 6, 2025**

Speaker: Inti Sodemann, University of Leipzig

Title: **“Gifts from moiré to quantum Hall and back”**

[https://physics.mit.edu/wp-content/uploads/2025/09/Inti-Sodemann-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/09/Inti-Sodemann-Chez-Pierre_announcement-poster.pdf)

Host: [Liang Fu](#)

**October 13, 2025 (Indigenous Peoples' Day- No Chez Pierre seminar)**

**October 20, 2025**

Speaker: Yuxuan Wang, University of Florida

Title: **“Theory of Quantum Oscillation from Bosonization”**

[https://physics.mit.edu/wp-content/uploads/2025/08/Yuxuan-Wang-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/08/Yuxuan-Wang-Chez-Pierre_announcement-poster.pdf)

Host: [Liang Fu](#)

**October 27, 2025**

Speaker: Zohar Komargodski , Stony Brook University

Title: **Order at Arbitrarily High Temperatures**

[https://physics.mit.edu/wp-content/uploads/2025/10/Zohar-Komargodski-Chez-Pierre\\_announcement-poster-1.pdf](https://physics.mit.edu/wp-content/uploads/2025/10/Zohar-Komargodski-Chez-Pierre_announcement-poster-1.pdf)

Host: [Leonid S. Levitov](#)

### **October 29, 2025 (Special Chez Pierre seminar- Wednesday at 2 pm)**

Speaker: Abhay Narayan Pasupathy, Columbia University

Title: **Electronic imprint of Boron Nitride substrates**

[https://physics.mit.edu/wp-content/uploads/2025/10/Abhay-Narayan-Pasupathy-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/10/Abhay-Narayan-Pasupathy-Chez-Pierre_announcement-poster.pdf)

Host: [Pablo Jarillo-Herrero](#)

### **November 3, 2025**

Speaker: Victor Gurarie, University of Colorado Boulder

Title: **Path integrals and QFTs of monitored quantum systems**

[https://physics.mit.edu/wp-content/uploads/2025/10/Victor-Gurarie\\_Chez-Pierre\\_announcement-poster\\_pdf.pdf](https://physics.mit.edu/wp-content/uploads/2025/10/Victor-Gurarie_Chez-Pierre_announcement-poster_pdf.pdf)

Host: [Liang Fu](#)

### **November 10, 2025 (Student holiday – no classes.)**

### **November 14, 2025 (Special Chez Pierre seminar- Friday at 12 noon)**

Speaker: Brad Ramshaw, Cornell University

Title: “Phonons with a Twist: Measuring the Phonon Hall Viscosity in a Proposed Quantum Spin Liquid”

[https://physics.mit.edu/wp-content/uploads/2025/10/Brad-Ramshaw-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/10/Brad-Ramshaw-Chez-Pierre_announcement-poster.pdf)

Host: [Senthil Todadri](#)

### **November 17, 2025**

Speaker: Victor Galitski, University of Maryland

Title: “**Interaction-Induced Flat Bands and Index Theorems**”

[https://physics.mit.edu/wp-content/uploads/2025/11/Victor-Galitski\\_Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/11/Victor-Galitski_Chez-Pierre_announcement-poster.pdf)

Host: [Leonid S. Levitov](#)

### **November 24, 2025**

Speaker: Anushya Chandran, Boston University

Title: ” **Moving beyond Born and Oppenheimer for Dynamics, Thermodynamics and Quantum Geometry**”.

[https://physics.mit.edu/wp-content/uploads/2025/11/Anushya-Chandran\\_Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/11/Anushya-Chandran_Chez-Pierre_announcement-poster.pdf)

Host: Liang Fu

### **December 1, 2025**

Speaker: Hongyuan Li, Cornell University

Title: “ **Imaging electron solids in 2D Van der Waals Heterostructures**”

[https://physics.mit.edu/wp-content/uploads/2025/11/Hongyuan-Li-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/11/Hongyuan-Li-Chez-Pierre_announcement-poster.pdf)

Host: [Long Ju](#)

### **December 8, 2025**

Speaker: Greg Boebinger, Florida State University

Title: “**Quasiparticles at the Heart of Quantum Matter**“

[https://physics.mit.edu/wp-content/uploads/2025/09/Gregory-Boebinger-Chez-Pierre\\_announcement-poster.pdf](https://physics.mit.edu/wp-content/uploads/2025/09/Gregory-Boebinger-Chez-Pierre_announcement-poster.pdf)

Host: [Senthil Todadri](#)