

Combinatorics of Fundamental Physics Workshop

November 18-22, 2024

All lectures in Wolfensohn Hall unless noted otherwise

(Draft as of 10/7/24)

Time:	Monday, November 18th	Tuesday, November 19th	Wednesday, November 20th	Thursday, November 21st	Friday, November 22nd
9:15 – 9:45 am	Registration				
9:45 – 10:00 am	Welcome and Introduction				
10:00 – 11:00 am	“Lecture” TBC	“Lecture” Pavel Galashin	“Lecture” Melody Chan	“Lecture” Lauren Williams	“Lecture” Song He
11:00 – 11:30 am	Coffee Break (Rubenstein Commons)	Coffee Break (Rubenstein Commons)	Coffee Break (Rubenstein Commons)	Coffee Break (Rubenstein Commons)	Coffee Break (Rubenstein Commons)
11:30 am – 12:30 pm	“The commutative graph complex, the top weight cohomology of M_g , and a matrix model” Michael Borinsky	“Lecture” Jaroslav Trnka	“Cluster structures on kinematic spaces” Lara Bossinger	“Lecture” Jacob Bourjailly	“Lecture” Alex Postnikov
1:00 – 2:00 pm	Lunch (Simons Hall)	Lunch (Simons Hall)	Lunch (Simons Hall)	Lunch (Simons Hall)	Lunch (Simons Hall)
2:00 – 3:00 pm		“Euler discriminant of complements of hyperplanes” Claudia Fevola	“Lecture” Simon Telen	“Lecture” Oliver Schlotterer	End of Program
2:30 – 3:30 pm	IAS High Energy Physics Seminar Thomas Lam				
	Afternoon Tea (Rubenstein Commons) 3:30 – 4:00 pm	Afternoon Tea (Rubenstein Commons) 3:00 – 3:30 pm	Afternoon Tea (Rubenstein Commons) 3:00 – 4:00 pm	Afternoon Tea (Rubenstein Commons) 3:00 – 3:30 pm	
3:30 – 4:30 pm		“Canonical forms of oriented matroids” Chris Eur		“Lecture” Botong Wang	
4:00 – 5:00 pm	“Lecture” Anastasia Volovich		“Multivariate residues, oriented matroids and tropical moduli spaces” Nick Early		
4:30 – 6:00 pm		Reception (Rubenstein Commons)		Short Talks	
5:30 – 8:00 pm			Pizza Night (Rubenstein Commons)		