

Amplitudes and Combinatorics Synergy Event

October 3-4, 2024

Schedule

	Thursday, October 3, 2024	Friday, October 4, 2024
10:00 - 10:30	Connor Simpson: "What is a hyperplane arrangement?"	Sergio Cristancho: "What is a toric variety?"
10:30 - 11:00	Federico Ardila: "What is an oriented matroid?"	Oliver Lorscheid: "What is a quiver representation?"
11:00 - 11:30	Coffee break	Coffee break
11:30 - 12:00	Jeffrey Backus: "What is kinematic space"	Carolina Figueiredo: "What is a curve integral?"
12:00 - 12:30	Sebastian Mizera: "What is an amplitude"	Joseph Fluegemann: "What is a leading singularity?"
12:30 - 2:00	Lunch break	Lunch break
2:00 - 3:00	Open problems presented by Thomas Lam, Nick Early, Giulio Salvatori, and Marcus Spradlin	Open problems presented by Thomas Lam, Hadleigh Frost, and Giulio Salvatori
3:00 - 3:30	Tea break	Tea break
3:30 - 5:00	Discussion of open problems in small groups	Discussion of open problems in small groups