

Amplitudes 2011

University of Michigan

Nov 10 – 13

	Thursday	Friday	Saturday		Sunday
8:45 – 9:15	Registration			9:15 – 9:55	Travaglini
9:15 – 9:55	Henn	Freedman	Kosower	10:05 – 10:45	Korchemsky
10:05 – 10:35	Coffee	Coffee	Coffee	10:55 – 11:25	Coffee
10:35 – 11:15	Skinner	Komargodski	Kaplan	11:25 – 12:05	Roiban
11:25 – 12:05	Vanhove	Viera	Neubert	12:15 – 12:55	Bern
12:15 – 2:00	Lunch	Lunch	Lunch	13:05 – 13:20	Summary Bern
2:00 – 2:40	Kallosch	Johansson	Spradlin		
2:50 – 3:30	Volovich	Sokatchev	Stieberger		
3:40 – 4:10	Coffee	Coffee	Coffee		
4:10 – 4:50	Arkani-Hamed	Del Duca	Boels		
5:00 – 5:40		Boucher-Veronneau	Trnka		
6:00 – 8:00		Reception			

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Speaker	Affiliation	Title
Nima Arkani-Hamed	IAS	Scattering Amplitudes and the Positive Grassmannian
Zvi Bern	UCLA	Gravity from gauge theory and UV properties <i>Summary talk</i> - Amplitudes: Looking to the future
Rutger Boels	University of Hamburg	Loop level amplitude relations from non-adjacent BCFW shifts
Camille Boucher-Veronneau	Stanford	$N \geq 4$ Supergravity Amplitudes from Gauge Theory at Two Loops
Vittorio Del Duca	INFN	Amplitudes, Wilson Loops, Hexagons and Symbols
Dan Freedman	MIT	The harmony of the c-theorem and the a-theorem
Johannes Henn	IAS	Analytic results for scattering amplitudes in $N=4$ super Yang-Mills
Henrik Johansson	IPhT Saclay	Progress on Color-Dual Loop Amplitudes
Renata Kallosh	Stanford	E77 and Noether-Gaillard-Zumino current conservation
Jared Kaplan	SLAC	The Holographic S-matrix
Zohar Komargodski	Weizmann & IAS	RG flows in Diverse Dimensions
Gregory Korchemsky	IPhT, Saclay	Hidden symmetry of four-point correlators and amplitudes in $N=4$ SYM: Part II
David Kosower	IPhT, CEA-Saclay	Maximal Unitarity at Two Loops
Matthias Neubert	Johannes Gutenberg University	Infrared structure of scattering amplitudes in non-abelian gauge theories
Radu Roiban	Penn State	On the non-planar beta-deformed $N=4$ super-Yang-Mills theory
David Skinner	Perimeter Institute	Dual Superconformal Invariance and Loop Amplitudes
Emery Sokatchev	LAPTH-Annecy	Hidden symmetry of four-point correlators and amplitudes in $N=4$ SYM: Part I
Marcus Spradlin	Brown University	Constructing High-Loop Integrands from a Curious Collinear Constraint
Stephan Stieberger	MPI	The Harmony of Superstring Amplitudes: Implications from/to Field-Theory
Gabriele Travaglini	Queen Mary University	Harmony of (super) form factors
Jaroslav Trnka	Princeton	Scattering Amplitudes and the Positive Grassmannian, Part II
Pierre Vanhove	IPhT CEA/Saclay and IHES	Four-graviton amplitude in string theory
Pedro Vieira	Perimeter Institute	The OPE for Null Polygon Wilson Loops
Anastasia Volovich	Brown University	Applied Symbolology