

Amplitudes 2018

Monday 18 June 2018

Plenary - Kavli Auditorium (09:15-10:35)

-Conveners: Poul Henrik Damgaard

time	[id] title	presenter
09:15	[4] The New Era of Precision Gravitational-Wave (astro)Physics	BUONANNO, Alessandra
10:00	[5] Diagrammatic approach to two-body dynamics and post-Newtonian corrections	MASTROLIA, Pierpaolo

Plenary - Kavli Auditorium (11:15-12:35)

-Conveners: Poul Henrik Damgaard

time	[id] title	presenter
11:15	[7] Scattering Amplitudes and LIGO	CHEUNG, Clifford
12:00	[8] Amplitudes for Fast Classical Scattering	O'CONNELL, Donal

Plenary - Kavli Auditorium (14:50-16:10)

-Conveners: Lorenzo Magnea

time	[id] title	presenter
14:50	[9] All-loop singularities of massless planar amplitudes	SPRADLIN, Mark
15:35	[10] The Hepp bound for Feynman periods	PANZER, Erik

Plenary - Kavli Auditorium (16:50-18:00)

-Conveners: Lorenzo Magnea

time	[id] title	presenter
16:50	[11] Cosmic Galois Theory in Planar N=4 SYM	MCLEOD, Andrew
17:25	[12] Form factors in N=4 SYM and beyond	PENANTE, Brenda

Tuesday 19 June 2018

Plenary - Kavli Auditorium (09:15-10:35)

-Conveners: Lauren Williams

time	[id] title	presenter
09:15	[13] Amplituhedron meets Jeffrey-Kirwan Residue	LUKOWSKI, Tomasz
10:00	[14] The space of EFT and CFT: life behind the facets of cyclic polytopes	HUANG, Yu-tin

Plenary - Kavli Auditorium (11:15-12:35)

-Conveners: Lauren Williams

time	[id] title	presenter
11:15	[15] Scattering Amplitudes From Combinatorial Geometry At Infinity	ARKANI-HAMED, Nima
12:00	[16] Positive Geometries, Canonical Forms and Scattering Amplitudes	HE, Song

Plenary - Kavli Auditorium (14:50-16:10)

-Conveners: Jara Trnka

time	[id] title	presenter
14:50	[17] From amplitudes to precision collider physics	GEHRMANN, Thomas
15:35	[18] Integrands and amplitudes for two-loop five-point scattering in QCD	BADGER, Simon

Plenary - Kavli Auditorium (16:50-18:00)

-Conveners: Jara Trnka

time	[id] title	presenter
16:50	[19] Computing two-loop amplitudes with numerical unitarity	FEBRES CORDERO, Fernando
17:25	[20] Integration-by-parts reductions from algebraic geometry	LARSEN, Kasper

Wednesday 20 June 2018

Plenary - Kavli Auditorium (09:15-10:35)

-Conveners: **Henrik Johansson**

time	[id] title	presenter
09:15	[21] Exact scattering amplitudes in gamma-deformed N=4 SYM	KORCHEMSKY, Gregory
10:00	[22] Intersections	MIZERA, Sebastian

Plenary - Kavli Auditorium (11:15-12:35)

-Conveners: **Henrik Johansson**

time	[id] title	presenter
11:15	[23] Soft theorem and its classical limit	SEN, Ashoke
12:00	[24] Double copy and color-kinematics on curved backgrounds	ADAMO, Tim

Plenary - Kavli Auditorium (14:50-16:10)

-Conveners: **Livia Ferro**

time	[id] title	presenter
14:50	[25] Recent developments in string amplitudes	SCHLOTTERER, Oliver
15:35	[26] Two-loop amplitudes from the nodal Riemann sphere	GEYER, Yvonne

Plenary - Kavli Auditorium (16:50-18:00)

-Conveners: **Livia Ferro**

time	[id] title	presenter
16:50	[27] Maximal Supergravity at 5 loops via Generalized Double-Copy	CARRASCO, John Joseph
17:25	[28] Calculating supergravity divergences at high loop orders	ZENG, Mao

Thursday 21 June 2018

Plenary - Kavli Auditorium (09:15-10:35)

-Conveners: David Kosower

time	[id] title	presenter
09:15	[30] Light-ray operators in conformal field theory	SIMMONS-DUFFIN, David
10:00	[31] Analytic bootstrap for large N theories	BISSI, Agnese

Plenary - Kavli Auditorium (11:15-12:35)

-Conveners: David Kosower

time	[id] title	presenter
11:15	[32] Continuum limit of fishnet graphs and AdS sigma model	BASSO, Benjamin
12:00	[33] ABJM flux-tube and scattering amplitudes	BELITSKY, Andrei

Friday 22 June 2018

Plenary - Kavli Auditorium (09:15-10:35)

-Conveners: **Gabriele Travaglini**

time	[id] title	presenter
09:15	[34] Elliptic polylogarithms for Feynman integrals	DUHR, Claude
10:00	[35] A tale of two Regge limits	DEL DUCA, Vittorio

Plenary - Kavli Auditorium (11:15-12:35)

-Conveners: **Gabriele Travaglini**

time	[id] title	presenter
11:15	[36] Maximally supersymmetric black holes don't precess	CARON-HUOT, Simon
12:00	[37] Simplicity in AdS Perturbative Dynamics	YUAN, Ellis

Plenary - Kavli Auditorium (14:50-16:45)

-Conveners: **Zvi Bern**

time	[id] title	presenter
14:50	[38] Cuts and coaction of Feynman integrals	BRITTO, Ruth
15:35	[39] Linearizing Loop Integration	BOURJAILY, Jacob
16:10	[40] Quantum Gravity from Conformal Field Theory	DRUMMOND, James