

QCD Meets Gravity

Thursday, December 15, 2022

Feynman integrals: Review (9:45 AM - 10:30 AM)

-Conveners: Thomas Gehrmann

time	[id] title	presenter
9:45 AM	[6] Feynman Integrals	ABREU, Samuel

Feynman integrals: Morning session (11:00 AM - 12:30 PM)

-Conveners: Thomas Gehrmann

time	[id] title	presenter
11:00 AM	[30] The epsilon-form of the 4PM Feynman integral differential equations	DLAPA, Christoph
11:30 AM	[31] Equivariant iterated Eisenstein integrals and modular graph forms	HIDDING, Martijn
12:00 PM	[32] Intersection theory: amplitudes and double copies	MAZLOUMI, Pouria

Feynman integrals: Afternoon session 1 (2:00 PM - 3:30 PM)

-Conveners: Ben Page

time	[id] title	presenter
2:00 PM	[33] Minimally divergent integral bases and special relations	NOVICHKOV, Pavel
2:30 PM	[34] Evanescent integrals from local subtraction	GEORGOUDIS, Alessandro
3:00 PM	[35] Epsilon factorization for Calabi-Yau integrals	PÖGEL, Sebastian

Feynman integrals: Afternoon session 2 (4:00 PM - 5:30 PM)

-Conveners: Harald Ita

time	[id] title	presenter
4:00 PM	[36] Leading and Landau singularities in Feynman integrals	TORRES BOBADILLA, William J.
4:30 PM	[37] Towards universal decomposition of phase-space integrals	KOSOWER, David
5:00 PM	[38] Gravitational scattering at 4th post-Minkowskian order	KÄLIN, Gregor

Friday, December 16, 2022

Feynman integrals: Afternoon session 1 (1:30 PM - 2:30 PM)

-Conveners: Samuel Abreu

time	[id] title	presenter
1:30 PM	[45] Radiation and reaction at one loop	SERGOLA, Matteo
2:00 PM	[46] Non-perturbative S-matrices from dispersive iterations	TOURKINE, Piotr