

Bethe Forum Scattering Amplitudes in Gauge Theory, Gravity and Beyond

(Bonn February 19th to 23rd, 2018)

Time	Monday, February 19 th	Tuesday, February 20 th	Wednesday, February 21 st	Thursday, February 22 nd	Friday, February 23 rd
08.30 - 09:30	Registration				
9:30 - 10:30	<p style="text-align: center;">Stefan Weinzierl</p> <p style="text-align: center;">Scattering amplitudes from differential forms</p>	<p style="text-align: center;">Axel Kleinschmidt</p> <p style="text-align: center;">Amplitudes in exceptional field theory</p>	<p style="text-align: center;">Gabriele Travaglini</p> <p style="text-align: center;">Amplitudes and form factors from N=4 super Yang-Mills to QCD</p>	<p style="text-align: center;">Dirk Kreimer</p> <p style="text-align: center;">Multi-valued Feynman Graphs</p>	<p style="text-align: center;">Florian Loebbert</p> <p style="text-align: center;">Hidden Symmetries of Scattering Amplitudes in Gauge Theories and Gravity</p>
10:30 - 11:00	Coffee Break				
11:00 - 12:00	<p style="text-align: center;">Claude Duhr</p> <p style="text-align: center;">Title: tba</p>	<p style="text-align: center;">Johannes Brödel</p> <p style="text-align: center;">From elliptic multiple zeta values to modular graph functions: open and closed strings at one loop</p>	<p style="text-align: center;">Rutger Boels</p> <p style="text-align: center;">Efficient integrand reduction for spinning particles</p>	<p style="text-align: center;">Oliver Schlotterer</p> <p style="text-align: center;">The web of double-copy relations among field and string theories</p>	<p style="text-align: center;">Livia Ferro</p> <p style="text-align: center;">The amplituhedron and its symmetries</p>
12:00 - 14:00	Lunch Break				
14:00 - 15:00	<p style="text-align: center;">Oliver Schnetz</p> <p style="text-align: center;">Title: tba</p>	<p style="text-align: center;">Stephan Stieberger</p> <p style="text-align: center;">QCD Meets Gravity</p>	<p style="text-align: center;">Discussion</p>	<p style="text-align: center;">Burkhard Eden</p> <p style="text-align: center;">Colour-dressed hexagon tessellations for correlation functions and non-planar corrections</p>	<p style="text-align: center;">End of program</p>
15:00 - 15:30	Coffee Break				
16:00 - 17:00	<p style="text-align: center;">Discussion</p>	<p style="text-align: center;">Discussion</p>	<p style="text-align: center;">Francis Brown</p> <p style="text-align: center;">Amplitudes and Periods</p> <p style="text-align: center;">Lecture Hall Mathematics Wegelerstr. 10, 1st floor, room 241</p>	<p style="text-align: center;">Discussion</p>	
17:30 - 19:30	Reception				