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E I N L A D U N G

im Rahmen des Seminars für Mathematische Physik und Teilchenphysik

(Joint TU/UV Theory Seminar)

zum Vortrag

von

Claude Duhr

CERN, Schweiz

über

„From geometry to high-energy scattering in N=4 Super Yang Mills at all order“

Abstract:
The N=4 Super Yang-Mills theory is believed to be the first example of an integrable gauge quantum field theory in 4 space-time dimensions. In recent years, it was discovered that there are deep connections relating scattering amplitudes in this theory to concepts in modern geometry and number theory. I show that by focusing on the high-energy limit, it is possible to combine the insight from integrability and modern mathematics to obtain results for all scattering amplitudes in this limit at any order in perturbation theory.

Zeit: Dienstag, 28.01.2020, 13.45 h
Ort: ACHTUNG: Fakultät für Physik, **Christian-Doppler-Hörsaal,** Boltzmanngasse 5, **3. Stock**

gez.: S. Fredenhagen, D. Grumiller, A. Hoang, S. Plätzer,
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