Center for Mathematical Physics at Boston University

Feynman graphs: ideals and symmetry

Dirk Kreimer (IHES and Boston U., Center for Math. Physics)

We review the structure of a perturbative expansion of a Green function in quantum field theory putting emphasis on the role played by various Hopf algebras in understanding quantized gauge symmetry and recursive relations between multi-scattering amplitudes.

Wednesday, Sep 16, 12-1pm

Rm 180, Math. Dept. Boston U., 111 Cmmington St.