Contribution ID: 12

Integrable deformations and Generalised Dualities

Wednesday 5 June 2019 16:30 (1 hour)

I will outline some recent progress in understanding classes of integrable deformations of strings relevant to e.g. the AdS_5 x S^5 superstring. These so-called eta and lambda-deformations exhibit a rich structure of Poisson-Lie symmetries and corresponding notions of Poisson-Lie and non-Abelian T-duality. I will explain how these symmetries become natural when harnessing the power of generalised geometry. I will outline recent results concerning the open string sector of lambda-deformations and the interplay of integrable Dbranes with PL and non-Abelian dualisation.

Presenter: THOMPSON, Dan (Swansea University)

Session Classification: Seminar