

Simone Giacomelli. 4d superconformal theories from S-folds

Tuesday, 10 September 2024 10:40 (40 minutes)

In this seminar I will present a new approach to the study of superconformal theories with eight supercharges. We construct a large new family of these models in string theory, study their moduli space and RG flows between them triggered by relevant deformations. Our framework provides a realization of most known theories with Coulomb branch of low dimension and suggests a new organizing principle for class S theories.