The project studies the **Einstein equation** on the Ricci curvature as well as the **Yang-Mills equation** for connections on a bundle on **complex projective manifolds**.
ERC StG 307119 – StabAGDG
Stability and wall-crossing in algebraic and differential geometry
@ SISSA Trieste

Main tools: algebro-geometric degenerations for Einstein manifolds, enumerative theories for Yang-Mills
Main results: simplified criteria for Einstein manifolds, geometric structure theorems for enumerative invariants