

**Speaker:** Ana-Maria Raclariu

**Title:** Progress in Flat Space Holography

**Abstract:** Celestial holography proposes a duality between the gravitational S-matrix and correlators in a conformal field theory living on the celestial sphere. I will review some of the key features of this proposal, highlighting the importance of symmetries and discuss a few recent applications, including new insights into the gravitational phase space, scattering in non-perturbative backgrounds, the flat space limit of AdS/CFT and connections to twistor theory.