

# **Sema Salur**

## **Deformation theory of calibrated submanifolds**

Calibrated submanifolds are distinguished classes of minimal submanifolds and their moduli spaces are expected to play an important role in geometry, low dimensional topology and theoretical physics. In this talk we give an introduction to calibrated geometries and a survey of recent research about the deformation theory of calibrated submanifolds inside Ricci-flat manifolds.