

# Topology Seminar

**Paolo Salvatore**

of Università di Roma Tor Vergata will be speaking on

## A cellular decomposition of the Fulton Mac Pherson operad

on October 28 at 4:30 in  
MIT Room 2-131

We construct a cellular decomposition of the Axelrod-Singer-Fulton-MacPherson compactification of the configuration spaces in the plane, that is compatible with the operad composition. Cells are indexed by trees with bi-coloured edges, and vertices are labelled by cells of the cacti operad. This answers positively a conjecture by Kontsevich and Soibelman.

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