



# Expanding the boundaries of dark matter halo

## Thursday, May 29, 2025

### Probing cosmology - C204, Student Center (2:00 PM - 3:00 PM)

-Conveners: Daisuke Nagai

time	[id] title	presenter
2:00 PM	[19] Iterative mean-field approach to the spherical collapse of dark matter haloes	SHI, Xun
2:30 PM	[42] Edges of Dark Matter Halos: Boundaries of Massive Galaxy Clusters and Cosmological Constraints	Dr RANA, Divya

### Probing cosmology - C204, Student Center (3:25 PM - 4:45 PM)

-Conveners: Daisuke Nagai

time	[id] title	presenter
3:25 PM	[25] Galaxy Clusters: Cosmology via the Infall Zone	Dr TAYLOR, James
3:55 PM	[18] The infall region of galaxy clusters as a complementary probe to cluster abundance	MPETHA, Charlie
4:15 PM	[22] Turnaround-scale probes of cosmology	PAVLIDOU, Vasiliki