



Contribution ID: 75

Type: **not specified**

PBH clusters: formation, dynamics and signatures

Wednesday 21 May 2025 14:00 (30 minutes)

I will review the formation of PBH clusters due to large exponential tails in the curvature perturbation distribution and study the strong non-linear dynamics of PBH in clusters, which produce PBH binaries that could have been detected via their GW emission in LVK.

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Session Classification: PBHs and GWs