

Globular Clusters: The Cosmological Context

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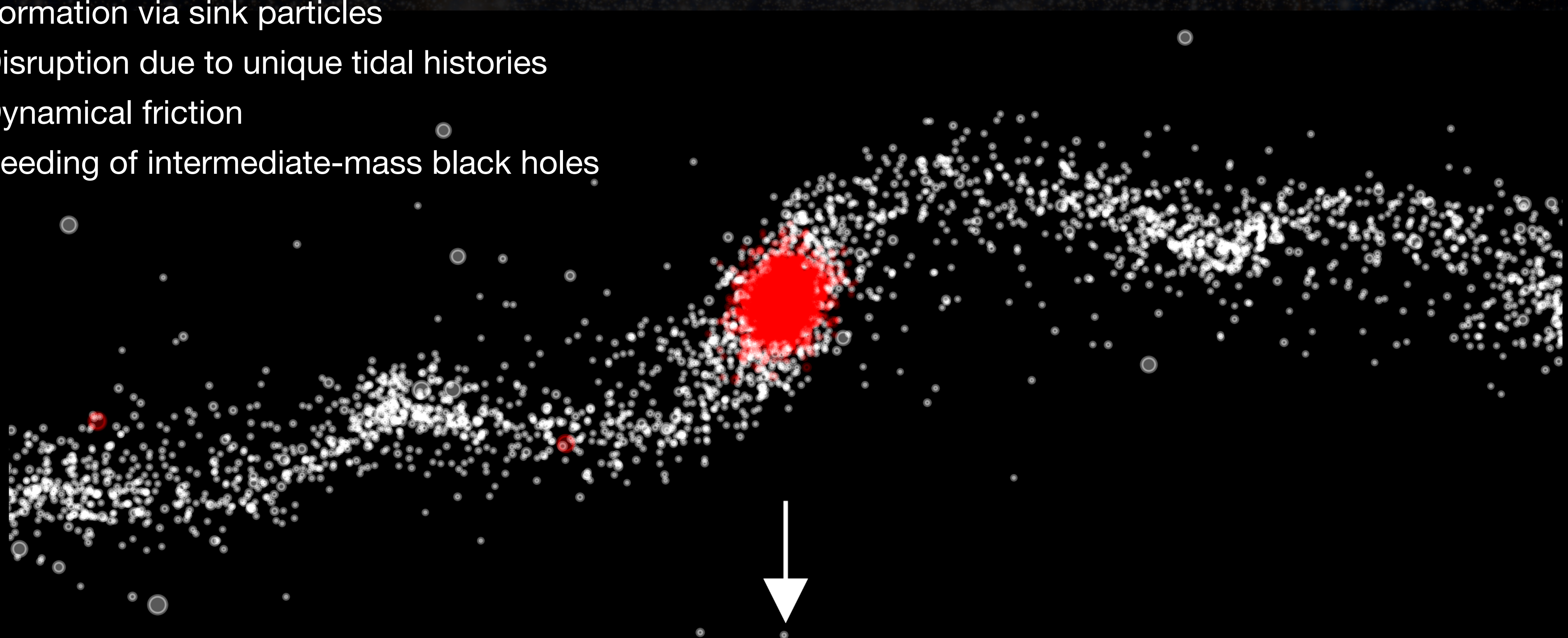
From Coupled Simulations to Sub-grid Models

See Poster for References

Fred Thompson*, Julien Devriendt*, Taysun Kimm**, and Adrienne Slyz*

Project Aims

- Develop a sub-grid model for globular clusters in **RAMSES**, accurately capturing:
 - Formation via sink particles
 - Disruption due to unique tidal histories
 - Dynamical friction
 - Seeding of intermediate-mass black holes



t = 3740 Myr

Stars Bound to GC
Unbound Stars

To Galactic Centre

0.1 kpc

