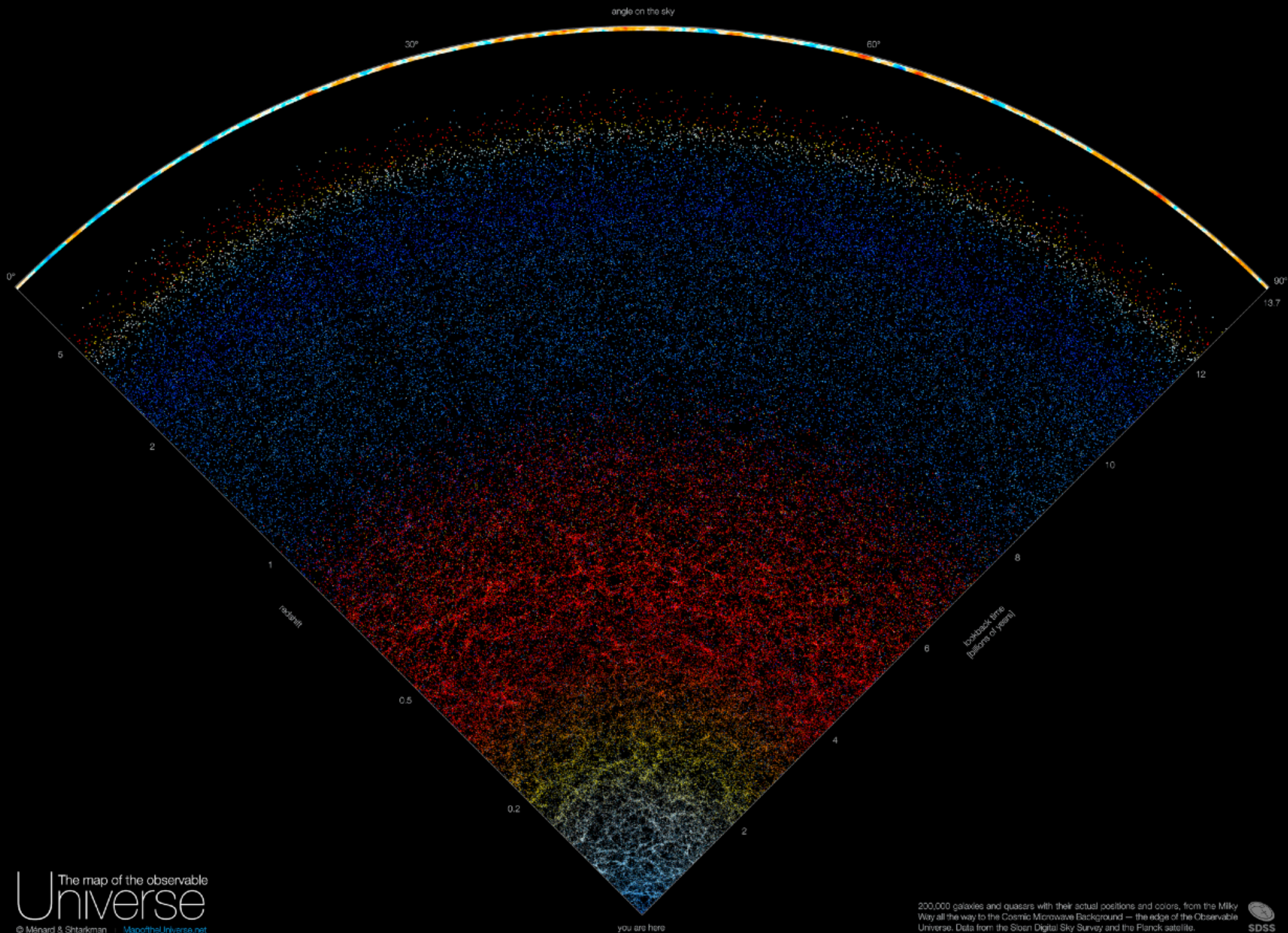
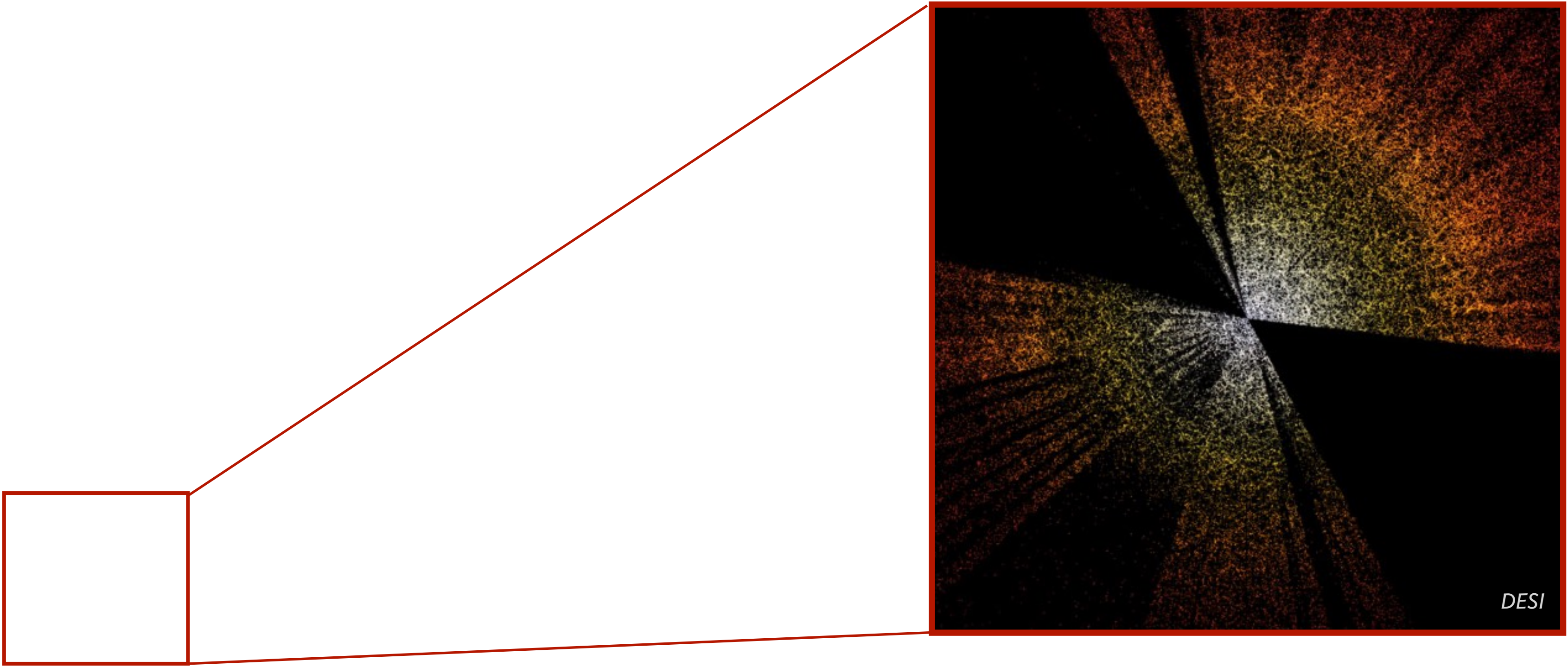


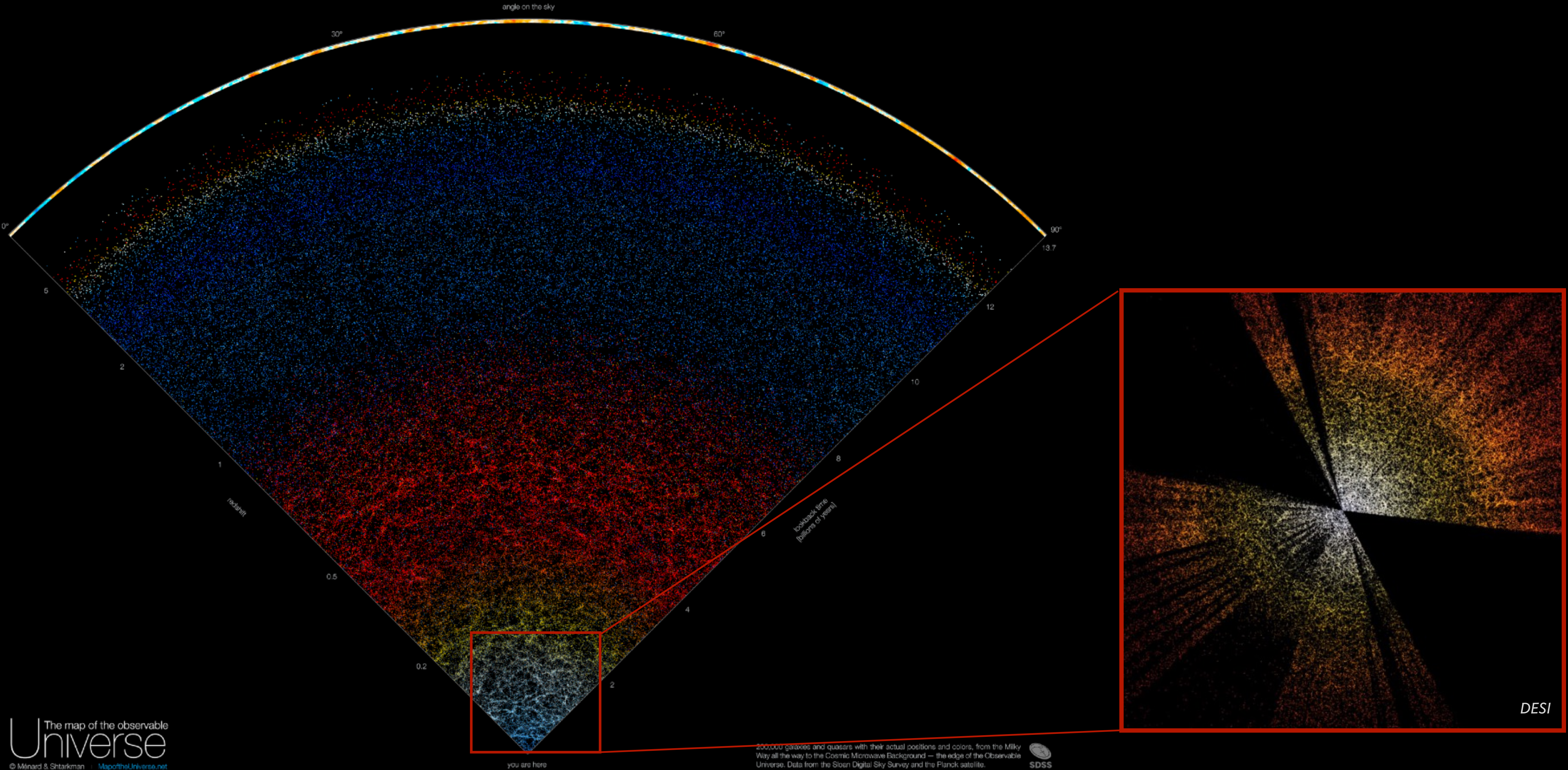
Siddhant Mishra-Sharma (MIT/AI FI) | AI FI Summer School

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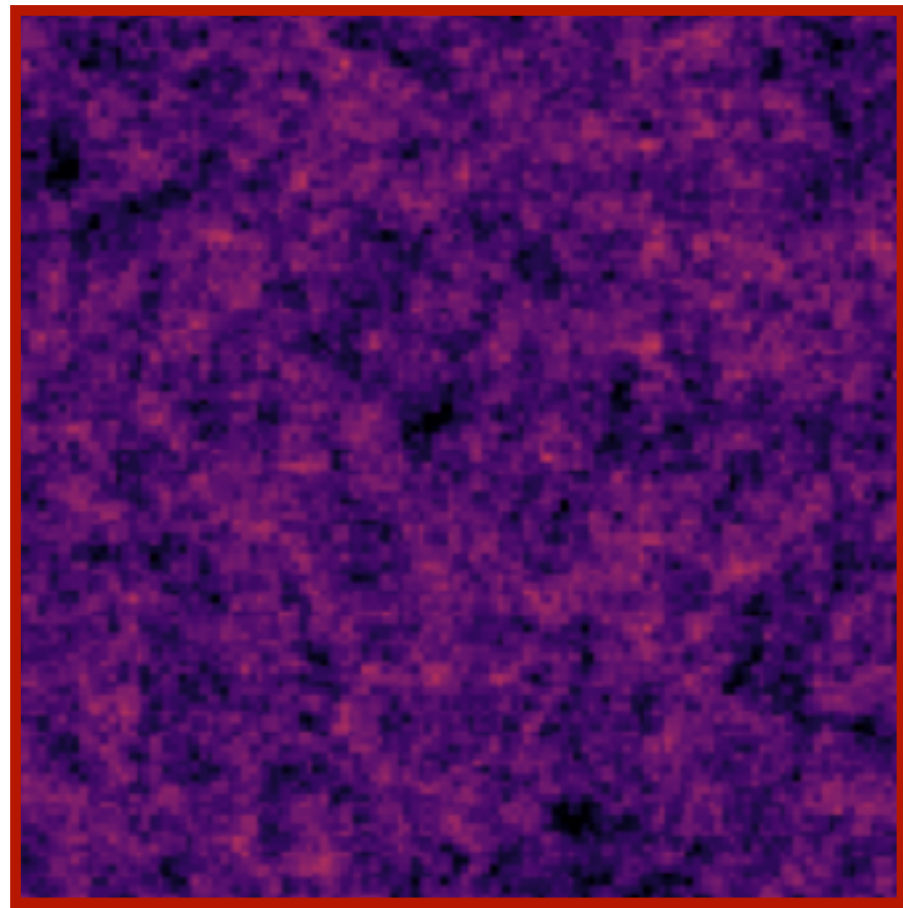
Work with Carol Cuesta-Lazaro [MIT/IAIFI]



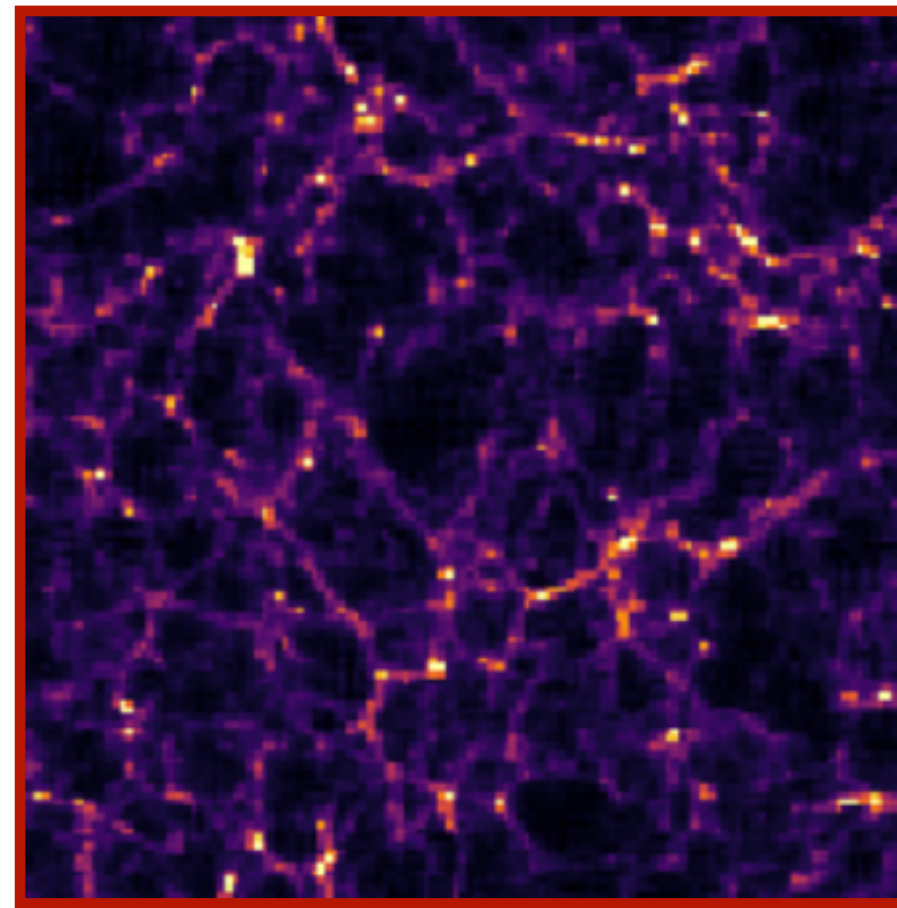
Forward modeling

Images credit: Chirag Modi

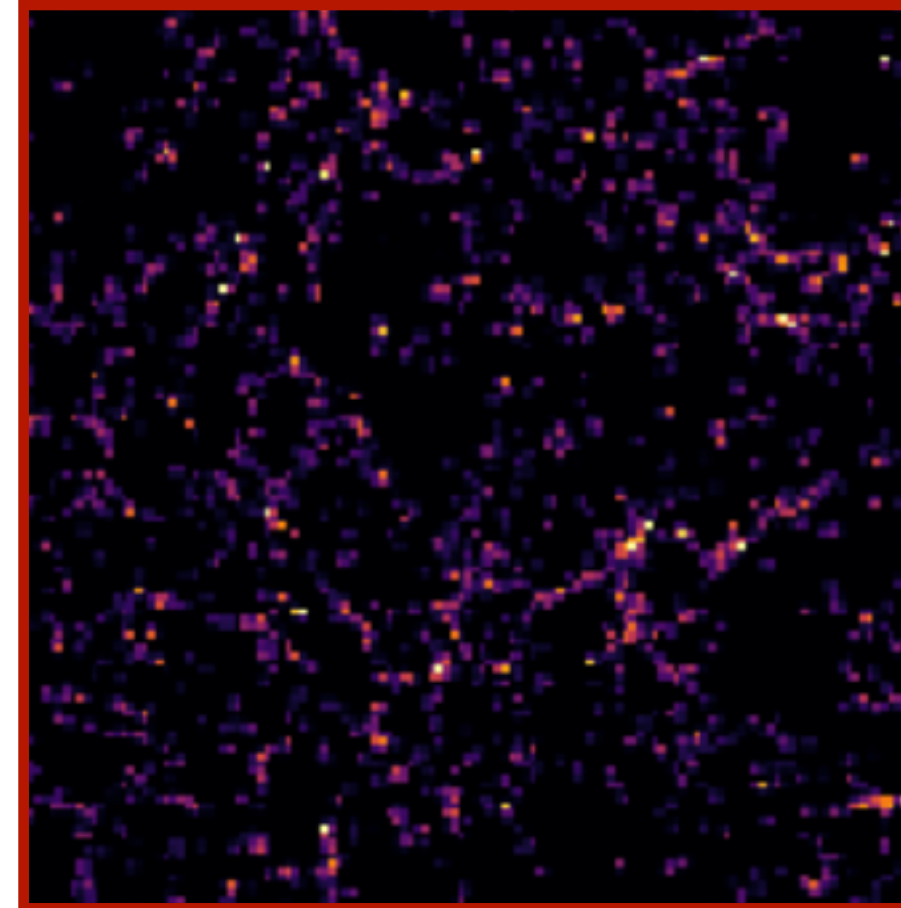
Gaussian field



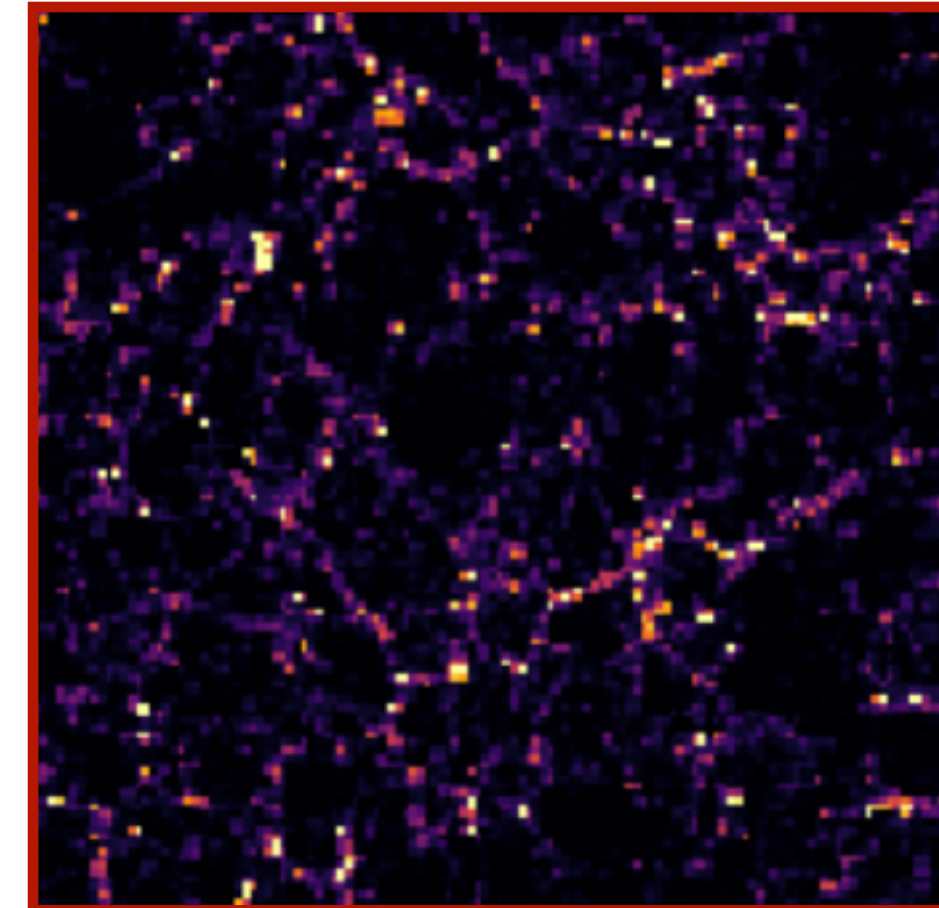
Dark matter field



Dark matter halos



Galaxies



+ Observational effects...



N-body simulation



Group-finding algorithms



Galaxy-halo connection