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LAM — CNRS

PhD: 2004
HDR: 2014

Structure Formation & Evolution
Dark Matter in Galaxy Clusters & Groups
Gravitational Lensing + {Simulations, X-ray, SZ…}

*** Mass Profile of Galaxies in High Density Environments (*kpc scale*)**

*** Mass Profile of Galaxy Clusters & Groups (*Mpc scale*)**

- Shape of DM ? Cored ?

- Gravitational telescopes 🔭

*** Mass Discrepancies between different probes: beyond the spherical assumption -> Triaxiality**

*** Data Sets: Hubble Space Data + Ground based spectroscopy**

(Current = Hubble Frontier Fields, MACS, Buffalo)

Every Day Work : Producing Mass Maps
Trying to do some physics with that