ERIK WESSEL z = 0.0500 Mpc Adapted from Macpherson, Price, Lasky, 2019

COSMOLOGY NUMERICAL RELATIVITY

- Deep mathematical questions about universe at the largest scales
- Numerical relativity essential for some questions
- Still a nascent technique in the field

EXOTIC OBJECTS NUMERICAL RELATIVITY

- Ultra-light bosons / dark matter
- Testing modifications to general relativity
- Black hole mimickers

