

Euclid + LSST

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Euclid + LSST joint analyses

- * Euclid and LSST will have a large overlap (> 10k sq deg), complementary colors (ugrizy vs VIS+NIR), and similar timing (~Q4 2022 for science survey)
- * Several papers have explored possible synergies (Jain et al. 2015, Rhodes et al. 2017...). There is a wide range of relevant topics.
- * We leave political issues to the Euclid and LSST management, let's talk about science.

Let's get prepared

- * Today (Thursday):
 - * introduction talks and discussion.
 - * 10 mn talk + 5 mn discussion ~ 60 mn
 - * Prepare the breakout groups ~ 30 mn
 - * Create/join groups, set goals for tomorrow
- * Friday: breakout groups to get projects started.

Projects?

- * Scheduled topics:
 - * Deblending: Robert Lupton, Cyrille Doux, Alexandre Boucaud...
 - * Shape measurements: Robert Schuhman...
 - * Euclid ground segment: Joe Mohr...
 - * Photo-z/SED : Matt Jarvis...
- * Other open topics include:
 - * Deblending challenge?
 - * Joint simulations?
 - * Pipeline adaptations? ugrizy+VIS+NIR multifit?
 - * Clusters? Transients with NISP? Galaxies?
 - * Using LSST commissioning data? LSST scanning strategy?
 - * Anything to would like to get people working with you on...