

Euclid-SKA joint meeting - Wednesday Dec. 20, 2017
Queen Mary University of London

Session 1: Introducing the surveys

09:00 - 09:45 (35'+10'): Cosmology with the SKA (*Richard Battye*)

09:45 - 10:30 (35'+10'): Cosmology with Euclid (*Dida Markovic*)

10.30-11.00 Tea/coffee

Session 2: Joint Science

11:00-11:20 (15'+5'): Euclid-SKA synergies (*Tom Kitching*)

11:20-11:40 (15'+5'): Radio-optical synergies I (*David Bacon*)

11:40-12:10 (15'+5'): Radio-optical synergies II (*Stefano Camera*)

12:10-12:30 (15'+5'): 21-cm intensity mapping - optical cross-correlations
(*Laura Wolz*)

12.30-14.00 Lunch

Session 3: Early data

14:00-14:30 (25'+5'): MeerKLASS - An intensity mapping survey with
MeerKAT (*Mario Santos*)

14:30-15:30: Discussion

- Key topic I: Current and future IM x optical projects (e.g. GBT, BINGO, MeerKLASS x BOSS, DES), Key science, MoUs. Discussion lead: Laura Wolz
- Key topic II: Joint Logistics, e.g. surveys sharing simulations, joint Euclid-SKA catalogues. Discussion leads: Santiago Avila & Ian Harrison

15.30-16.00 Tea/coffee

Session 4: White paper & Group working

16.00-17.30

Session Chairs: Alkistis Pourtsidou (& Stefano Camera, TBC):

- Create white paper structure and timeline; assign Sections to people (~30 mins).
- Group working (~1 hr).