

# LOFAR/Euclid Meeting

Leiden, March 28, 2025

Room: BM.1.23 at Gorlaeus Building, Einsteinweg 55, 2333 CC Leiden

Zoom: <https://universiteitleiden.zoom.us/j/64005300653?pwd=MAWhXrMQZRarP9eBpVtcVN7e1aVLtS.1>

Time	Duration [min]	Type	Title	Speaker/ Discussion lead
9:30 AM	5		Introduction	Huub Rottgering
9:35 AM	15	Overview	LOFAR surveys	Tim Shimwell
9:50 AM	20	Overview	EDFN + other deep fields	Marco Bondi
10:10 AM	20	Overview	Accessing Euclid data + Evolution of galaxies and AGN	Manuela Magliocchetti
10:30 AM	15	Overview (Remote)	Host galaxy identification of LOFAR sources in the Euclid Deep Field Nord	Laura Bisigello
10:45 AM	15	Results	Exploring high-redshift dust-obscured galaxies with SEMPER: a semi-empirical model for the radio emission of star-forming galaxies at $0 < z < 5$	Marika Giulietti
11:00 AM	30	<b>Coffee</b>		
11:30 AM	15	Overview	Clusters	Marcus Bruggen
11:45 AM	15	Overview	Cosmology	Dominik Schwarz
12:00 PM	15	Results	Towards cosmology beyond 2-point statistics	Cora Uhlemann
12:15 PM	15	Results	Prospects for Euclid-LOFAR multi-tracer analyses	Stefano Camera
12:30 PM	15	Overview	Galaxies	Volker Heesen
12:45 PM	60	<b>Lunch</b>		
1:45 PM	30	Overview + General discussion	Euclid/LOFAR ID/classification etc.	Martin Hardcastle, Isabella Prandoni
2:15 PM	30	Overview + General discussion	0.3 arcsec imaging: what to do in 2025?	Leah Morabito, Reinout van Weeren
2:45 PM	85	Discussion in groups	Evolution of galaxies and AGN	Manuela Magliocchetti, Rohit Kondapally
			Local galaxies	Dominik Bomans, Kasia Malek, Fatemeh Tabatabaei
			Clusters	Chris Riseley, Gabriella Di Gennari
			Cosmology	Dominik Schwarz, Stefano Camera
4:10 PM	50	Concluding session: reports from groups		Huub Rottgering
5:00 PM				