

## Local Universe, Nearby Galaxies & SMBH

Chairs: Matt malkan, Pauline Barmby, Vivian U, Eric Peng

### Tuesday Dec. 11

Start time	End time	Presenter(s)	Title	Duration
14:00	14:20	Martin, Crystal	Understanding circumgalactic gas kinematics in the 2020's and beyond: Science requirements for ELTs	0:20
14:20	14:40	Mahajan, Smriti	Evolution of blue spheroids in the nearby universe	0:20
14:40	15:00	Jafariyazani, Marziye	Spatially resolved properties of $0.1 < z < 0.5$ galaxies from the MUSE-Wide and Candels surveys	0:20
15:00	15:20	Sethuram, Ramya	Evolving perspectives in the formation and evolution of giant low surface brightness galaxies	0:20
15:20	15:30		Discussion	0:10
15:30	16:00		<b>Coffee break</b>	0:30
16:00	16:20	Tan, Jonathan	Supermassive black-hole formation from Pop III.1 protostars - Test for TMT?	0:20
16:20	16:40	Yasui, Chikako	Spatially resolved study of the local-group galaxies	0:20
16:40	17:00	Peng, Eric	The dynamics and stellar populations of faint galaxies with large telescopes	0:20
17:00	17:20	GuhaThakurta, Raja	Spectroscopy of resolved stellar populations and globular clusters in the local volume	0:20
17:20	17:40	Muller-Sanchez, Francisco	Gas-flows in the central 100pc of dual active galactic nuclei	0:20
17:40	18:00		Discussion and poster session	0:20

### Wednesday Dec. 12

Start time	End time	Presenter(s)	Title	Duration
9:00	9:20	Turri, Paolo	Point-Spread-Function reconstruction on Keck: Preparing for accurate stellar astrometry and photometry on IRIS	0:20
9:20	9:40	Do, Tuan	Understanding the seeds of the supermassive black-holes: Prospects for intermediate-mass black-hole measurements	0:20
9:40	10:00	Hicks, Erin	Tracing the cycle of AGN feeding and feedback	0:20
10:00	10:20	Tsai, Chao-Wei	AGN feedback in the host of hyperluminous HOT-DOGS	0:20
10:20	10:50		<b>Coffee break</b>	0:30
10:50	11:10	U, Vivian	Merging supermassive black-holes in the age of the ELTs	0:20
11:10	11:30	Laha, Sibasish	Characterizing the mechanism of interaction of supermassive black-holes and their host galaxy as they co-evolve	0:20
11:30	12:00		Discussion	0:30

Posters associated to this session: Wanqiu H., Shen L.