

Next Generation Space VLBI workshop

Tuesday, 18 October 2022

Millimeter and sub-millimeter VLBI in space: beyond EHT in frequency and angular resolution (09:00 - 10:30)

-Conveners: Yuri Kovalev

time	[id] title	presenter
09:00	[28] Physics of muas structures of AGN	TRAIANOU, Efthalia
09:30	[29] What is detection? Hunting the black hole photon Ring	GALISON, Peter
09:50	[30] Simulating the future of black hole imaging with Space VLBI	ROELOFS, Freek
10:10	[31] Orbital options for photon rings detection	HUDSON, Ben

Millimeter and sub-millimeter VLBI in space: beyond EHT in frequency and angular resolution (11:00 - 13:10)

time	[id] title	presenter
11:00	[32] ngEHT and its potential space-borne extension (review)	BLACKBURN, Lindy
11:30	[33] The Event Horizon Explorer Mission Concept (review)	KURCZYNSKI, Peter
12:00	[47] The Event Horizon Explorer: More Than Two, the Black Hole Demography Science Goal	D'ORAZIO, Daniel
12:20	[34] Front-end instrumentation for sub-mm single-dish and VLBI in space (review)	WIEDNER , Martina
12:50	[59] Terahertz receivers for future space-borne VLBI missions	GARCIA-MIRO, Cristina