

Evidence for supermassive black hole binaries

Royal Astronomical Society — Specialist Discussion Meeting

The Geological Society, Burlington House, LONDON

14th April 2023

<https://ras.ac.uk/events-and-meetings/ras-meetings/evidence-supermassive-black-hole-binaries>

TIME	SPEAKER	TITLE	In person/ Remote
10:00		START OF MEETING	
10.00		Coffee	
10:25	Martin Krause	Welcome	
10.30	Melanie Habouzit Max-Planck-Institut für Astronomie and Universität Heidelberg	Invited review: <i>The Growth of Supermassive Black Holes over Cosmic Time</i>	In person
10:55	Lucio Mayer Universität Zürich	Invited review: <i>The Final Parsec Problem</i>	Remote
11:20	Adi Foord Stanford University	Invited review: <i>Dual Active Galactic Nuclei</i>	In person
11:45	Martin Bourne University of Cambridge	<i>Supermassive black hole binaries and their spin evolution in gas rich circumbinary discs</i>	In person
12:00	Rebecca Nealon University of Warwick	<i>Disc breaking in accreting supermassive black hole binaries</i>	In person
12:15	Julia M Sisk-Reynes University of Cambridge	<i>Observational constraints on Supermassive Black Hole spins from X-ray reflection across mass scales: Current state and a hopeful future</i>	In person
12:30 – 13:30		Lunch	
13:30	Jenny Greene Princeton University	Invited review: <i>Emission Line Signatures of Supermassive Black Hole Binaries</i>	Remote
13:55	Silke Britzen Max-Planck-Institut für Radioastronomie, Bonn	Invited review: <i>Radio Signatures of Supermassive Black Hole Binaries</i>	Remote
14:20	Maya Horton University of Hertfordshire	<i>Searching for supermassive binary signatures in large-scale radio jets</i>	In person
14:35	Hannah Middleton University of Birmingham	Invited review: <i>Gravitational wave signals of supermassive black-hole binaries</i>	In person
15:00		Discussion	
15:30		End of meeting	