

MONDAY	9:00	20	Open zoom, add speakers
Session Chair:	9:20	10	Introduction
	9:30	12	ArchEnemy: Removing Scattered Light Artefacts from Gravitational Wave data <i>Arthur Tolley</i>
	9:42	12	The LISA project: A search for Massive Black Hole Binaries (MBHB's) with PyCBC <i>Connor Weaving</i>
	9:54	12	Exploring the behaviour of gravitational wave detection methods in the presence of time-overlapping transients <i>Philip Relton</i>
	10:06	12	Importance nested sampling with nessai <i>Michael Williams</i>
	10:18	12	Prospects for distinguishing dynamical tides in inspiralling binary neutron stars with third generation gravitational-wave detectors <i>Natalie Williams</i>
	10:30	20	BREAK
	10:50	12	Inferring eccentricity evolution from coalescing black holes binaries with effective-one-body model <i>Alice Bonino</i>
	11:02	12	The spinning and swaying of the gravitational wave catalogue <i>Daria Gangardt</i>
	11:14	12	Correcting for selection biases in extreme mass ratio inspiral population studies using neural network interpolators <i>Christian Chapman-Bird</i>
	11:26	12	Deep learning of gravitational-wave populations with repeated black hole mergers <i>Matthew Mould</i>
	11:38	12	Constraining GRB jet structure using joint GW-GRB observations <i>Samuel Higginbotham</i>
	11:50	12	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in the Second and Third LIGO-Virgo Observing Runs <i>Amy Hewitt</i>
	12:02	12	Empirically estimating the distribution of the loudest candidate from a gravitational-wave search <i>Rodrigo Tenorio</i>
12:14	12	Gravitational Waves from Accretion-driven Thermal Mountains in Magnetised Neutron Stars <i>Thomas Hutchins</i>	
	12:26	64	LUNCH
Session Chair:	13:30	12	Gravitational waves from f-mode oscillations and their connection to small spin-up/spin-down events of neutron stars <i>Garvin Yim</i>
	13:42	12	Resonant Shattering Flares as multimessenger probes of Nuclear Symmetry <i>Duncan Neill</i>
	13:54	12	The Bardeen-Peterson effect in accreting supermassive black-hole binaries: consequences for the LISA mission <i>Nathan Steinle</i>
	14:06	12	On the model waveform accuracy of gravitational waves <i>Qian Hu</i>
	14:18	12	Frequency-Domain Analysis of Black-Hole Ringdowns <i>Eliot Finch</i>
	14:30	20	BREAK
	14:50	12	A Precessing, Higher-Mode Surrogate Waveform Model Using Neural Networks <i>Lucy Thomas</i>
	15:02	12	Self-force in hyperbolic binary-black hole encounters <i>Oliver Long</i>
	15:14	12	Covariant and coordinate punctures for second-order gravitational self-force in a highly regular gauge <i>Samuel Upton</i>
	15:26	12	Hyperboloidal method for frequency-domain self-force calculations <i>Benjamin Leather</i>
	15:38	12	Eccentric self-forced inspirals into a rotating black hole <i>Phillip Lynch</i>
	15:50	22	BREAK
	16:12	12	Modified dispersion relations for gravitational wave physics <i>Michelle Gurevich</i>
	16:24	12	Chaos in the astrophysical three-body problem <i>Tjarda Boekholt</i>
16:36	12	Critical collapse of an axisymmetric fluid in 2+1 spacetime dimensions <i>Patrick Bourg</i>	
16:48	12	Thermal and Bounded Unruh-DeWitt Detectors in Circular Motion <i>Cameron Bunney</i>	
17:00	12	Novel physics in rotating frames (and by equivalence curved spacetimes) <i>Marion Cromb</i>	

TUESDAY			
	09:00	20	Open zoom, add speakers
	09:20	10	Introduction
Session Chair: John Veitch Tech help: Michael Williams	09:30	12	Vacuum polarisation on three-dimensional anti-de Sitter space-time with Robin boundary conditions <i>Siva Namasivayam</i>
	09:42	12	The Sorkin-Johnston vacuum in 2+1 dimension <i>Julia Dannemann-Freitag</i>
	09:54	12	Dynamics of quantum anisotropies in a Taub Universe in the WKB approximation <i>Mariaveronica De Angelis</i>
	10:06	12	Can One Hear the Shape of a Quantum Spacetime? <i>Antoine Vauterin</i>
	10:18	12	Gravitational collapse of quantum fields <i>Benjamin Berczi</i>
	10:30	20	BREAK
	10:50	12	Towards the viability of weak lensing-HI 2-point statistics <i>Anut Sangka</i>
	11:02	12	How much can primordial black holes tell us about the primordial power spectrum? <i>Andrew Gow</i>
	11:14	12	Simulation-based clustering predictions to constrain Modified Gravity theories <i>Carolina Cuesta-Lazaro</i>
	11:26	12	A theory-independent framework for testing gravity on all scales in cosmology <i>Theodore Anton</i>
	11:38	12	Neutron star scalarization with Gauss-Bonnet and Ricci scalar couplings <i>Giulia Ventagli</i>
	11:50	12	Using SELCIE to investigate screened scalar field models sourced by complex systems <i>Chad Briddon</i>
	12:02	12	Nonlinear Horndeski analysis with HiCOLA <i>Ashim Sen Gupta</i>
	12:14	12	3+1 formulation of Einstein-scalar-Gauss-Bonnet gravity <i>Libert Aresté Saló</i>
	12:26	64	LUNCH
Session Chair: Christopher Berry Tech help: Mick Wright	13:30	12	Asymptotic charges for spin-1 and spin-2 fields at the critical sets of null infinity <i>Mariam Magdy Ali Mohamed</i>
	13:42	12	The Maxwell-scalar field system near spatial infinity <i>Marica Minucci</i>
	13:54	12	Double copy structures in classical spacetimes <i>David Peinador Veiga</i>
	14:06	12	Hartle-Hawking states on extremal black hole spacetimes <i>George Montagnon</i>
	14:18	12	Stable scalarized black holes in generalized scalar-tensor theories <i>Georgios Antoniou</i>
	14:30	12	Quantum superradiance on static black hole space-times <i>Visakan Balakumar</i>
	14:45	18	BREAK
	15:00	12	One wavefunction to rule the multi-stream regime <i>Alex Gough</i>
	15:12	12	Tachyonic instability priors for dark energy <i>Rafaela Gsponer</i>
	15:24	12	Coupled Quintessence in a Curved Universe <i>Elsa Teixeira</i>
	15:36	12	Scale Invariant, R^2 Inflation <i>Richard Daniel</i>
	15:48	12	Multi-field alpha-attractor inflation: turning trajectories and geometry <i>Laura Iacconi</i>
	16:00	12	Quintessential inflation in Palatini $F(\phi, R)$ gravity <i>Samuel Sanchez Lopez</i>
	16:12	18	BREAK
16:30	30	IOP Gravitational Physics Thesis Prize Talk: Gravitational waves from deformed neutron stars <i>Fabian Gittins</i>	
17:00	5	Awards	