

Main Talks - PM

15:00 - 16:00		Planetary Health, Climate change & Environmental Systems 2			Mathematics, Physics & Fundamental Sciences					
Room: FDC.1.17		Role	Talk Title	Room: FDC.G.06	Role	Talk Title	FDC.2.16	Role	Talk Title	
10 mins each		Chair: Joy Ginika Osuorji			Chair: James Bentham			Chair: Henry Harper-Gardner		
		Speakers:			Speakers:			Speakers:		
Slot 1	Adriana Humanes	RA	Development of a Climate-Smart Adaptive Management Framework for Coral Reef Restoration in Palau	Rodrigo Munoz Cordovez	PGR	Drivers and resilience of urchin barrens in UK kelp forests	Gilly Russell	PGR	Turbulence-flame interactions in high-Karlovitz-number lean premixed hydrogen piloted jet flames	
Slot 2	David Alvarez Castro	RA	Models to protect travellers from the impact of extreme weather events and deteriorating infrastructure	Charlotte Jennings	PGR	Manipulative experiments amplify the negative effects of opportunistic macroalgal blooms on seagrass performance	Matthew Richards	RA	Persistent Current Oscillations in an Double Ring Ultra-Cold Dilute Gas	
Slot 3	Medha	PGR	DESIGNING MONITORING STRATEGY FOR EVALUATING NATURAL FLOOD MANAGEMENT	Alexandra Jordan	PGR	Coral Reproductive Phenology in Malaysia Contrasting Spawning Patterns on Opposite Coasts	Ruairi Lowery	PGR	Construction and Manipulation of Defects in Diamond as Solid-State Quantum Bits	
Slot 4	Haider Ali	RA	Track-PFAS: PFAS inventory for risk assessment in water treatment works: sources, equilibrium and exposure routes	Benjamin Hall	PGR	Mapping the hidden value of temperate kelp forests: a spatial approach to ecosystem services and marine policy	Thomas Udale	PGR	Unifying Statistical Analyses; a Sequential Monte Carlo Approach	
Slot 5	Mercy Ajehi Adagayi - flash talk	PGR	Why Tropical Cyclone Rainfall Is Becoming More Destructive as the Climate Warms	Jack Longsdon	PGR	Monitoring of invasive species in the North Sea	Jamie Jones	PGR	The Inverse MHD Problem for Magnetic Fields in Spiral Galaxies	