

Programme of events: October to December 2024

For use by BNSS members only

		OCTOBER	
Tuesday 1 st Oct 7:30pm	Zoom	Wild Brownsea <i>Speaker: Nicki Tutton</i>	<i>Chairman</i> James Dovey
	Join Nicki Tutton , a Brownsea ranger, to find out about the very special wildlife and habitats of Brownsea Island in Poole Harbour, along with updates on the 'Wild Brownsea' project and new developments for 2025.		
Tuesday 8 th October 7.30pm	Zoom	Low frequency Radio Astronomy <i>Speaker: Dr Martin George</i>	<i>Chairman</i> Grenham Ireland
	Dr. George is based at Ulverston, Tasmania where he is Principal Astronomer at the planetarium. He has researched the history of astronomy and is a well-known communicator of astronomy topics.		
Saturday 12 th October 7.00-10.00pm	Young Explorers	A Night at the Museum	<i>Leader</i> Steve Limburn
Saturday 12 th October 2.30pm	In house Zoom	WW1. From Suffragettes to Army Surgeons <i>Speaker. Dorothy Gill</i>	<i>Chairman</i> Robin Hewitt
	Dorothy will talk about the suffragette movement on the Home Front and internationally, Endell Street Hospital, the First Aid Nursing Yeomanry (FANY), women army surgeons, the QUIAMS and Duchesses on the front line. There will be an exhibition of various WW1 Memorabilia by Steve Limburn.		
Tuesday 15 th October 7.30pm	Inhouse Zoom	AI and Scientific Discovery: The Deep Learning Revolution <i>Speaker Professor Tony Hey</i> Chief Data scientist at Rutherford Appleton Labs	<i>Chairman</i> Margaret Ross
	Professor Tony Hey will discuss how scientists are beginning to use sophisticated machine learning and other AI technologies both to automate and to find increasingly new scientific discoveries. Professor Tony Hey began his career as a theoretical physicist, then included research positions at MIT and CERN, a professorship at the University of Southampton, a Vice-President in Microsoft Research in the US and returned to the UK in 2015 as Chief Data Scientist at the Rutherford Appleton Laboratory		
Tuesday 22 nd October 7.30pm	Zoom	The myth and magic of the Drowner – sustainable technology for over 300 yrs <i>Speaker Dr Kathy Stearne</i>	<i>Chairman</i> Mary Thornton
	The origins of water meadows are lost in medieval times, yet the remnants can be seen throughout the Wessex valleys. Surface water irrigation expanded in Wessex and throughout England from the sixteenth century and was a sustainable intensive integrated agricultural system until the twentieth century. This talk looks at the origins of water meadows in England, their management and importance to agriculture through the centuries, and why they are still important in terms of landscape, history and ecology today. Dr Kathy Stearne gained a Doctorate in Agricultural History and Ecological Management, from Imperial College London, in 2004. She presently runs a consultancy for landowners and farmers, advising on conservation (in the widest sense of the word), ecology, and hydrology.		
Saturday 26 th October 10.00- 4.00PM	OPEN DAY	Visit our Botany, Geology, Egyptian and Museum Rooms to see new exhibits and revisit old ones. Tea and Refreshments.	All Members and Visitors welcome.
Sunday 27 th October 10.00-4.00PM	OPEN DAY	Visit our Botany, Geology, Egyptian and Museum Rooms to see new exhibits and revisit old ones. Tea and Refreshments	All Members and Visitors welcome.
Tuesday 29 th October	Zoom	Poole Park Greylag Goose Study <i>Speaker. Thomas Weston</i>	<i>Chairman</i> James Dovey
	Thomas Weston , Bournemouth University alumnus, dives into his passion of understanding the movements and lives of our local, overlooked, flock of Greylag Geese. The project started in 2018 and the research continues today.		

		NOVEMBER	
Tuesday 5 th Nov 7:30pm	Zoom	Making Underwater Exploration Autonomous Vehicles More Reliable <i>Speaker: Achille Martin</i>	<i>Chairman</i> Margaret Ross
	Exploring the depths of the Ocean, only a quarter of which has been mapped, is challenging for humans, but also for robots and autonomous vehicles. Researchers at The National Oceanography Centre (NOC) take the critical challenges faced by humans on Earth; such as the rise of the average global temperature, the rise in sea levels, and the decrease of biodiversity across the planet, seriously, and they focus efforts on trying to understand the Ocean, its processes, and its impact on our lives. The NOC harnesses its Marine Autonomous Robotic Systems (MARS) fleet of uncrewed vehicles that can explore down to a depth of 6000 metres. Achille Martin will explain the use of these very expensive autonomous vehicles and how the simulator, he developed at NOC, is used to de-risk various aspects of these autonomous vehicles.		
Saturday 9 th November 1000-1230	Young Explorers	Home Front WW2	<i>Leader</i> Steve Limburn
Saturday 9 th November 2.30pm	Zoom Inhouse	Four Centuries of the Bankes Archive <i>Speaker: David Beardesley</i>	<i>Chairman</i> Mary Thornton
	The management of the large estate at Kingston Lacy has been a treasure trove of accounts, planning, directives, history of the family and visits from Royalty. Come and hear David's talk about wonderful finds from sifting through the Bankes Archive.		
Tuesday 12 th November 7.30pm	Zoom Only	Svalbard. Life on the Cold Edge <i>Speaker: Paul Collins</i>	<i>Chairman</i> Mary Thornton
	At 78 degrees north, lying between Norway and the North Pole, Svalbard's unique birdlife and landscapes make it an irresistible destination for photographers. This talk is a photographic journey across land and sea, fjords and tundra, celebrating the best of Arctic birdlife under the midnight sun - from Arctic Foxes hunting eiders and little auks to the courtship rituals of Red-Throated Diver, Phalaropes and Ptarmigan. Paul is an award-winning nature photographer and guide from London. His images, which often feature birds in low light and minimalist landscapes, have been recognised in the British Wildlife Photography Awards and Bird Photographer Of The Year among others; and he regularly leads bird photo tours in the UK and Europe. He also works in television, co-producing documentaries for the BBC, Channel 4 and Discovery Network		
Tuesday 19 th November 7.30pm	Zoom	Dark Energy <i>Speaker: James Fradgley</i>	<i>Chairman</i> Grenham Ireland
	Come and listen to our Resident Astronomer talk about the weird and mysterious substances that affect and shape the cosmos. Scientists are still trying to figure them out.		
Saturday 23 rd November 2.30pm	Inhouse ONLY	Swifts – The Birds You Need! <i>Speaker: Edward Mayer</i>	<i>Chairman</i> James Dovey
	Europe's fastest bird in level flight – harbingers of Summer Joy and Excitement. This apex insect predator is vanishing from our skies through man's intolerance, architectural changes and overuse of insecticides. They are a supreme Biodiversity indicator. Yet all is not lost.....		
Tuesday 26 th November 7.30pm	Zoom	Photography in the Extremes <i>Speaker: Felix Belloin</i>	<i>Chairman.</i> Margaret Ross
	Felix Belloin is a wildlife and landscape photographer based in London, with a fascination for cold places and the vast and wild spaces which come with them. The talk explains the challenges that come with photographing wildlife in tough environments; and the lessons that he has learnt from practising locally in the UK as preparation for his trips.		

DECEMBER

Tuesday 3rd December 7.30pm	Zoom	Experiments at Butser Ancient Farm – Housing in Britain through prehistory covering the impact on environment and construction methods <i>Speaker David Freeman</i>	<i>Chair Margaret Ross</i>
	<p>David Freeman has spent the last 45 years working in archaeology, with a mix of experimental work, teaching, constructing, and interpretation, particularly in the construction of prehistoric buildings, and living conditions.</p> <p>David Freeman will discuss his builds of seven houses, to very exacting evidence, six of those covered late iron age, with construction methods being visible across many excavations including Hengistbury Head, and how sustainability had to be addressed in the construction of iron age houses.</p>		
Tuesday 10th December 7.30pm	Zoom	The Challenges of managing a historic woodland garden in the changing climate <i>Speaker: Tom Clarke</i>	<i>Chair Jill Abbot</i>
	<p>Tom Clarke has been the Head Gardener for the last eight years at Exbury Gardens. He is an expert on rhododendrons and has been able to study these on visits to Himalaya. Tom has considerable experience with other historical gardens, including twenty years in Cornwall. He initially began his career, following an apprenticeship with the National Trust.</p>		
Saturday 14th December 10.00-12.30	Young Explorers	Party	
Saturday 14th December 2.30pm	In House Zoom	AGM and Assembly	

Monday 23rd December 2024 – Tuesday 7th January 2025 – No talks during CHRISTMAS and NEW YEAR weeks