

Science Research at the Cutting Edge. Provisional programme (March 2019) for indicative purposes only.

	Sat 3rd Aug	Sun 4th Aug	Mon 5th Aug	Tues 6th Aug	Wed 7th Aug	Thus 8th Aug	Friday 9th Aug
AM	Arrival	Orientation	International research collaborations & Funding	Regenerative Biology	The Wildlife Conservation Research Unit	Robotics: Motion Planning	AI: Machine Learning
Lecturer			<i>TBC</i>	<i>Prof Aziz Abookbaker</i>	<i>Prof David MacDonald/ Prof Claudio Silliero tbc</i>	<i>Dr. Martim Brandao</i>	<i>Dr Yunpeng Li, Univeristy of Surrey</i>
AM			History & Philosophy of Science	Regenerative Biology	Protecting the Siberian Wolf	Robotics: a four legged walking robot	AI: Machine Learning
Lecturer			<i>TBC</i>	<i>Prof Aziz Abookbaker</i>	<i>Prof Claudio Silliero</i>	<i>Dr Marco Camurri</i>	<i>Dr Yunpeng Li, Univeristy of Surrey</i>
PM		Oxford Tour	How Graduate study differs from undergraduate work.	Writing a Project Proposal - identifying a research question	What is a doctoral thesis & assessment in the UK	Lab Visit	Skills necessary for completing a doctoral thesis
Workshop Leader			<i>TBC</i>	<i>TBC</i>	<i>TBC</i>	<i>TBC</i>	<i>Dr Margaret Coombe</i>
PM			Research Paper Workshop	Study time to work on proposal	Research Paper Workshop	Study time to work on proposal	Research Paper Workshop

	Sat 10th Aug	Sun 11th Aug	Mon 12th Aug	Tues 13th Aug	Wed 14th Aug	Thus 15th Aug	Friday 16th Aug
AM	Excursion to Cambrige	Excursion to London	Current Research in Particle Physics; The Higgs Boson	Extra-solar planets	Organometalic Chemistry	<i>TBC (dependent on interests of participants)</i>	Engineering: Water purification technology
AM			Differences between UK and American Doctoral Programmes	Extremely large telescopes	Chemistry of nanometric molecular systems	<i>TBC (dependent on interests of participants)</i>	From Research to spin out
Lecturer			<i>Prof Todd Huffman</i>	<i>Prof Niranjan Thatte</i>	<i>Prof Jose Goicoecheaa</i>	<i>TBC (dependent on interests of participants)</i>	<i>Prof Nick Hankins</i>
PM			Transferable skills in Graduate Education	Visit to the Diamond Light Source	Doctoral Training Centres in the UK & Graduate Funding	Study time to work on proposal	Study time to work on proposal
Workshop Leader			<i>TBC</i>		<i>TBC</i>		
PM			Research Paper Workshop		Research Paper Workshop	Research Paper Workshop	Study time to work on proposal

	Sat 17th Aug	Sun 18th Aug	Mon 19th Aug
AM	Optional Excursion (not included) to Blenheim Palace and Bicester Village	Final Presentation, Assessment and Certificate Ceremony	Departure
PM		Gala Dinner	