

Monday 3 June 2024							LR12		
	CRS ID	Surname	Forename	Col	Reference	Title	Supervisor	Assessor	Chair
9.15	Welcome talk: Prof Michael Sutcliffe						all in LR12		
9.30	bb610	Bylygbashi	Blendi	HO	C-ts573-2*	Analysing microvascular blood flow using machine learning computer vision	Dr Thierry Savin	Prof. Shery Huang	
9.45	nc580	Chandra Bose	Nivi	G	C-vy5h2-2*	Cryptotyping of functional hydrogels	Prof. Shery Huang	Prof. Alexandre Kabla	
10.00	dh543	Tsal	Perry	TH	Cam253-2*	Automated cell segmentation and tracking of patient-derived GBM cultures on 2D substrates	Prof. Athina Markaki	Prof. Alexandre Kabla	
10.15	sc2239	Constantinou	Sophia	CAI	C-ts573-1	Developing the user interface of a tensile test device for soft biological tissues	Dr Thierry Savin	Prof. Athina Markaki	
10.30	wkv72	Fernando	Kusal	CTH	C-ajk61-3*	Statistical Modelling of Variability in Viscoelastic Materials	Prof. Alexandre Kabla	Prof. Athina Markaki	
10.45	dh2097	Han	Shichen	F	C-ajk61-2*	Modelling the dynamics of cell populations	Prof. Alexandre Kabla	Prof. Shery Huang	
11.00 - 1	Coffee/Tea BREAK in JDB Seminar room								
11.30									
11.45	mac243	Caballero	Michael	DOW	Cam253-3*	Segmentation and tracking of patient-derived GBM spheroids	Prof. Athina Markaki	Dr Thierry Savin	MPFS
12.00	df362	Dutta	Ishika	T	C-ts573-1	Developing the user interface of a tensile test device for soft biological tissues	Dr Thierry Savin	Dr Alice Cicirello	
12.15	ahw41	Winskell	Adam	SID	Cam253-1*	Preclinical testing of bioengineered vascular grafts	Prof. Athina Markaki	Prof. Michael Sutcliffe	
12.30	kieg2	Goodridge	Kitty	Q	C-mpfs1-1*	Redesigning "The Third Thumb" prosthesis with electromyography control	Prof. Michael Sutcliffe	Dr Alice Cicirello	
12.45									
1pm -2pm	Lunch in JDB Seminar room								
2.00									
2.15	lk480	Konathala	Lohith	T	C-ts573-2*	Analysing microvascular blood flow using machine learning computer vision	Dr Thierry Savin	Dr Alice Cicirello	NAF
2.30	dhv24	Vanke	Jonah	T	C-mpfs1-5*	Using 3D printing to aid dog limb surgery	Prof. Michael Sutcliffe	Dr Alice Cicirello	
2.45	in356	Nicholls	Lorcan	G	C-vy5h2-3*	3D Printing of Multi-Material Hydrogels	Prof. Shery Huang	Prof. Norman Fleck	
3.00	joa49	O'Keefe	Stephen	EM	C-mpfs1-2*	Wearable biofeedback for augmenting motor learning of voluntary muscle engagement	Prof. Michael Sutcliffe	Prof. Norman Fleck	
3.15	ap2207	Pandey	Arihant	PET	C-vy5h2-1*	Fibre printing robot	Prof. Shery Huang	Prof. Norman Fleck	
3.30	sa244	Prizes	Shrey	JE	C-mpfs1-6*	Crunching the Numbers of In Vivo Bite Forces: Evaluating the Safety of Post Surgical Dietary Advice	Prof. Michael Sutcliffe	Prof. Norman Fleck	
3:45 - 5pm	Prizes and nibbles in JDB Seminar room								

Monday 3 June 2024										LR11	
	CRS ID	Surname	Forename	Col	Reference	Title	Supervisor	Assessor	Chair		
Welcome talk: Prof Michael Sutcliffe							all in LR12				
9.15											
9.30	ag2174	Griffiths	Anna	CHU	Cjhd25-1*	Soft Magnetic Composites with locally tailored properties	Prof. John Durrell	Dr Darshil Shah	GC		
9.45	it525	Lee	Trevor	W	Cjhd25-2*	Bulk Superconductor Solenoids for Desktop NMR	Prof. John Durrell	Dr Darshil Shah			
10.00	hw557	Wang	Honghao	SID	Cgwn20-3*	Scientific machine learning for model order reduction of large scale problems	Prof. Garth Wells	Prof. Gabor Csanyi			
10.15	jd90	Hardwick	Jenny	M	Cms2932.1*	Mechanical testing of metals with chiral microstructures	Dr Matteo Seita	Prof. Garth Wells			
10.30	jd61	Derfata	Jan	JIN	Cgwn20-1*	Excavate computing and deep learning-based reduced order modelling of parametric PDEs for engineering design	Prof. Garth Wells	Prof. Gabor Csanyi			
10.45	nk578	Kalani	Navid	SID	C-dusu20-3*	Mechanics of flexible wood produced through kerf patterns	Dr Darshil Shah	Prof. Gabor Csanyi			
11.00 - 1 Coffee/Tea BREAK in JDB Seminar room											
11.30	rm215	Saltmarsh	Rowan	JIN	C-dusu2-1*	Towards user acceptability and performance optimisation of bamboo cricket bats	Dr Darshil Shah	Dr Matteo Seita	VSD		
11.45	yr25	Tsal	Yvonne	CHU	Cjhd20-2*	Creating a leather alternative: experimentation with plant-fibre reinforced natural rubbers	Dr Darshil Shah	Dr Matteo Seita			
12.00	bjw68	Wardell	Barty	DOW	Cvsd20-b15882	Experimental collection methods for data-driven mechanics	Prof. Vikram Deshpande	Prof. John Durrell			
12.15	mg956	Giza	Maciek	TH	Cms2932-4*	Advanced optical characterization of aerospace alloys	Dr Matteo Seita	Prof. Vikram Deshpande			
12.30	al2008	Liang	Andrew	Q	C-ms2932-5*	Tracking medieval manuscripts by reverse engineering the paper-making process	Dr Matteo Seita	Prof. Vikram Deshpande			
12.45											
1pm - 2pm Lunch in JDB Seminar room											
2.15	vjm32	Malthotra	Vaibhav	Q	C-tb267-1*	Machine Learning for Modal Analysis	Dr Tore Butlin	Prof. David Cebon	TB		
2.30	ag2167	Gupta	Aakash	PEM	Cxnh2-b15891	Analysing the through-corner performance of a Formula One car	Dr Xiaoxiang Na	Dr James Talbot			
2.45	mjb314	Bryan	Matt	M	C-tb267-2*	Pushing the bounds of energy harvesting	Dr Tore Butlin	Dr Xiaoxiang Na			
3.00	lw476	Kelsall	Lewis	HO	Cjpt1009-3*	Blast Analysis of Building Structures	Dr James Talbot	Dr Xiaoxiang Na			
3.15	macm2	Mere	Ikechi	JIN	Cjpt1000-1*	Stress Relaxation of Natural Rubber	Dr James Talbot	Dr Xiaoxiang Na			
3.30	td453	Ding	Tianyao	PET	Cjpt1000-3*	Dynamic NDT for Monitoring Tension in Structural Cables	Dr James Talbot	Dr Tore Butlin			
3.45 - 5pm Prizes and nibbles in JDB Seminar room											

Monday 3 June 2024						JDB Teaching Room			
	CRS ID	Surname	Forename	Col	Reference	Title	Supervisor	Assessor	Chair
Welcome talk: Prof Michael Sutcliffe							all in LR12		
9.15									
9.45	mrd57	Davis	May	SE	C-pjg12-3*	Monitoring the Pancake Ice Life Cycle from an ROV	Dr Peter Long	Dr Tom Bashford for jpi	TB
9.45	uj32	Jeffrey	Tom	PEM	Cjip1001-1*	Flying Fish (Hybrid Air/Underwater Vehicles)	Dr Will Graham for jpi	Dr Sam Waller	
10.00	ak2311	Koshy	Arnav	CHU	Cjip2-1*	Automatic fluid sampling system	Dr Peter Long	Dr Sam Waller	
10.15	uj90	Lee	Robert	PET	C-pjg12-6*	Small hybrid car/bike	Dr Peter Long	Dr Tom Bashford	
10.30	nn329	Nguyen	Akira	T	C-pjg2-5*	Multi feature workbench	Dr Peter Long	Dr Tom Bashford	
10.45	jb49	Russell	Jamie	DDW	Cjip2-3*	ROV for monitoring Sea Ice and lake beds	Dr Peter Long	Dr Tom Bashford	
11.00 - 1 Coffee/Tea BREAK in JDB Seminar room									
11.30	qg224	Gee	Amanda	MUR	C-pok121-2*	Few-shot learning for custom hand gestures	Dr John Dudley for pok21	Prof. John Clarkson	GJM
11.45	h3731	Shi	Billy	Q	C-pok21-b15B6	A Human-centric Investigation of Large Language Model Assistance in Software Test Case Development	Dr John Dudley for pok21	Prof. John Clarkson	
12.00	ma493	Karassellos	Michaela	G	C-sdw32-1*	Assessing the visual exclusion in Cambridge transport services	Dr Sam Waller	Dr John Dudley for pok21	
12.15	mg992	Pavelin	Marcus	TH	C-pjg2-2*	Non-contact monitoring of bed-bound patients	Dr Peter Long	Dr John Dudley for pok21	
12.30	aj343	Shah	Aahna	Q	C-hs10000-1*	Sustainability in Schools: Energy Use and Education	Dr Hugh Shercliff	Dr Graham McShane	
12.45	kh31	Howett	Cameron	M	C-hemh1-3*	Seabed curtains - Climate Repair - protecting glaciers	Prof. Hugh Hunt	Dr Burigede Liu	
1pm -2pm Lunch in JDB Seminar room									
2.00	mr871	Roy Prabhakaran	Maya	M	C-hs10000-1*	Energy and emissions analysis of school buildings	Dr Hugh Shercliff	Dr Burigede Liu	HRS
2.15	v5503	Sharma	Vidhi	Q	C-gtp10-6*	Evaluation of Pathways to Decarbonise Airport Operations using Hydrogen	Prof. Geoff Parks	Dr Burigede Liu	
2.30	ywcc2	Dhan	Charles	HO	C-hs10000-b15B8	Strategies for Promoting Sustainability in Schools	Dr Hugh Shercliff	Dr Graham McShane	
2.45	y1378	Tong	Tammy	CC	C-hemh1-1*	Droplet size measurement using a hotwire - Climate Repair - Marine Cloud Brightening -	Prof. Hugh Hunt	Dr Graham McShane	
3.00	wh344	Hipaye	Will	CC	C-gtp10-3*	Evaluation of Pathways to Decarbonise Airport Operations using Electricity	Prof. Geoff Parks	Dr Shaun Fitzgerald	
3.15	sp2023	Platet	Symon	PEM	C-hemh1-3*	Seabed curtains - Climate Repair - protecting glaciers	Prof. Hugh Hunt	Dr Shaun Fitzgerald	
3.30	cdn26	Newton	Chris	EM	C-sdf10-1*	Ice volcanoes	Dr Shaun Fitzgerald	Prof. Hugh Hunt	
3:45 - 5pm Prizes and nibbles in JDB Seminar room									