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-tsS73-2*	Analysing microvascular blood flow using machine learning computer vision	Dr Thierry Savin	Prof. Shery Huang	YYSH
9.45	ncs580	Chandra Bose	Nivi	G	C-yysh2-2*	Cryoprinting of functional hydrogels	Prof. Shery Huang	Prof. Alexandre Kabla	
10.00	cht53	Tsai	Perry	TH	C-am253-2*	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-tsS73-1	Developing the user interface of a tensile test device for soft biological tissues	Dr Thierry Savin	Prof. Athina Markaki	
10.30	wkvf2	Fernando	Kusal	CTH	C-ajk61-3*	Statistical Modelling of Variability in Viscoelastic Materials	Prof. Alexandre Kabla	Prof. Athina Markaki	
10.45	sh2097	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	C-am253-3*	Segmentation and tracking of patient-derived GBM spheroids	Prof. Athina Markaki	Dr Thierry Savin	MPFS
12.00	id362	Dutta	Ishika	T	C-tsS73-1	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	C-am253-1*	Preclinical testing of bioengineered vascular grafts	Prof. Athina Markaki	Prof. Michael Sutcliffe	
12.30	kjeg2	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-tsS73-2*	Analysing microvascular blood flow using machine learning computer vision	Dr Thierry Savin	Dr Alice Cicirello	NAF
2.30	jdv24	Vanke	Jonah	T	C-mpfs1-5*	Using 3D printing to aid dog limb surgery	Prof. Michael Sutcliffe	Dr Alice Cicirello	
2.45	ln356	Nicholls	Lorcan	G	C-yysh2-3*	3D Printing of Multi-Material Hydrogels	Prof. Shery Huang	Prof. Norman Fleck	
3.00	sjo49	O'Keeffe	Sophie	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-yysh2-1*	Fibre printing robot	Prof. Shery Huang	Prof. Norman Fleck	
3.30	sas244	Shah	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
9.15						Welcome talk: Prof Michael Sutcliffe	all in LR12		
9.30	ag2174	Griffiths	Anna	CHU	C-jhd25-1*	Soft Magnetic Composites with locally tailored properties	Prof. John Durrell	Dr Darshil Shah	GC
9.45	tl525	Lee	Trevor	W	C-jhd25-2*	Bulk Superconductor Solenoids for Desktop NMR	Prof. John Durrell	Dr Darshil Shah	
10.00	hw557	Wang	Honghao	SID	C-gnw20-2*	Scientific machine learning for model order reduction of large scale problems	Prof. Garth Wells	Prof. Gabor Csanyi	
10.15	jdh90	Hardwick	Jenny	M	C-ms2932-1*	Mechanical testing of metals with chiral microstructures	Dr Matteo Seita	Prof. Garth Wells	
10.30	jjd61	Derlatka	Jan	JN	C-gnw20-1*	Exascale 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-dus20-3*	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	rms215	Saltmarsh	Rowan	JN	C-dus20-1*	Towards user acceptability and performance optimisation of bamboo cricket bats	Dr Darshil Shah	Dr Matteo Seita	VSD
11.45	yft25	Tsai	Yvonne	CHU	C-dus20-2*	Creating a leather alternative: experimentation with plant-fibre reinforced natural rubbers	Dr Darshil Shah	Dr Matteo Seita	
12.00	bjw68	Wardell	Barty	DOW	C-vsd20-b15882	Experimental collection methods for data-driven mechanics	Prof. Vikram Deshpande	Prof. John Durrell	
12.15	mpg56	Giza	Maciek	TH	C-ms2932-4*	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**							
									TB
2.15	vjm32	Malhotra	Vaibhav	Q	C-tb267-1*	Machine Learning for Modal Analysis	Dr Tore Butlin	Prof. David Cebon	
2.30	ag2167	Gupta	Aakash	PEM	C-xnhn2-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	lk476	Kelsall	Lewis	HO	C-jpt1000-4	Blast Analysis of Building Structures	Dr James Talbot	Dr Xiaoxiang Na	
3.15	imacm2	Mere	Ikechi	JN	C-jpt1000-1*	Stress Relaxation of Natural Rubber	Dr James Talbot	Dr Xiaoxiang Na	
3.30	td453	Ding	Tianyao	PET	C-jpt1000-3*	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
9.15						Welcome talk: Prof Michael Sutcliffe	all in LR12		
9.30	mrd57	Davis	May	SE	C-pjgl2-3*	Monitoring the Pancake Ice Life Cycle from an ROV	Dr Peter Long	Dr Tom Bashford for jpj	TB
9.45	tjj32	Jeffrey	Tom	PEM	C-jpj1001-1*	Flying Fish (Hybrid Air/Underwater Vehicles)	Dr Will Graham for jpj	Dr Sam Waller	
10.00	ak2311	Koshy	Arnav	CHU	C-pjgl2-1*	Automatic fluid sampling system	Dr Peter Long	Dr Sam Waller	
10.15	rjl90	Lee	Robert	PET	C-pjgl2-6*	Small hybrid car/bike	Dr Peter Long	Dr Tom Bashford	
10.30	nn329	Nguyen	Akira	T	C-pjgl2-5*	Multi feature workbench	Dr Peter Long	Dr Tom Bashford	
10.45	jbr49	Russell	Jamie	DOW	C-pjgl2-3*	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	Ge	Amanda	MUR	C-pok21-2*	Few-shot learning for custom hand gestures	Dr John Dudley for pok21	Prof. John Clarkson	GJM
11.45	zs371	Shi	Billy	D	C-pok21-b15862	A Human-centric Investigation of Large Language Model Assistance in Software Test Case Development	Dr John Dudley for pok21	Prof. John Clarkson	
12.00	mak93	Karassellos	Michaela	G	C-sdw32-1*	Assessing the visual exclusion in Cambridge transport services	Dr Sam Waller	Dr John Dudley for pok21	
12.15	mp992	Pavelin	Marcus	TH	C-pjgl2-2*	Non-contact monitoring of bed-bound patients	Dr Peter Long	Dr John Dudley for pok21	
12.30	ajs343	Shah	Aahna	Q	C-hs10000-1*	Sustainability in Schools: Energy Use and Education	Dr Hugh Shercliff	Dr Graham McShane	
12.45	ckh31	Howcutt	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	mrr871	Roy Prabhakaran	Maya	M	C-hs10000-1*	Energy and emissions analysis of school buildings	Dr Hugh Shercliff	Dr Burigede Liu	HRS
2.15	vs503	Sharma	Vidhi	Q	C-gtp10-6*	Evaluation of Pathways to Decarbonise Airport Operations using Hydrogen	Prof. Geoff Parks	Dr Burigede Liu	
2.30	ywcc2	Chan	Charles	HO	C-hs10000-b158	Strategies for Promoting Sustainability in Schools	Dr Hugh Shercliff	Dr Graham McShane	
2.45	yt378	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	Hipsey	Will	CC	C-gtp10-7*	Evaluation of Pathways to Decarbonise Airport Operations using Electricity	Prof. Geoff Parks	Dr Shaun Fitzgerald	
3.15	sp2023	Piatek	Szymon	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**							