

IIB Projects 2020-21
First Allocation
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Notes	CRS ID	Surname	Forename	College	Reference
	ya279	Agarwal	Yasho	JN	B-CD229-4
	da462	Ahmed	Danyal	JE	F-SJG-3
	ja639	Alexander	James	HO	C-CD229-2
	da460	Alexandridis	Dimitris	G	F-JS851-2
	pa415	Allan	Philip	JE	B-GM603-2
	jsa41	Allen	Jason	PEM	A-AMB233-1
	laja2	Anderson	Lewis	CL	D-DL359-3
	aa999	Ashing	Adam	PET	C-PJGL2-2
	ama86	Athar	Abdullah	SID	F-AHG-3
	kea37	Attfield	Kate	Q	F-JS851-3
	wa265	Azubuike	Dk	HO	F-ICL20-2
	mjb293	Bak	Marcin	JN	C-DC-4
	nb565	Balakulendran	Niv	M	B-TL322-1
	wjb48	Baldwin	Will	Q	C-GC121-1
	dtb34	Barlow	Daniel	PEM	A-JKH28-1
	ojrb2	Barnard	Oliver	JN	F-MT126-1
	kjb83	Bassil	Kate	SE	C-DUS20-2
	ab2472	Bennett	Alice	HO	D-JMS33-1
	maab3	Bin Affian	Afif	CHU	D-GB479-1
	afb49	bin Anuar	Amir	F	C-NL276-1
	ob320	Bourne	Olivia	JE	C-PJGL2-5
	jb2160	Bradley	James	CL	A-SH372-type(b)
	agab2	Brett	Angus	CAI	A-WRG-2
	bjb57	Bristow	Ben	F	A-RSC10-4
	jcb214	Brown	Jack	CAI	C-MPFS-2
	obj42	Buchan	Owen	R	A-SDG33-1
	dgb38	Buica	Gabriel	T	F-RET26-2
	zeb24	Bull	Zachary	SE	C-GTP-3
	rb838	Bull	Bertie	PET	F-KMK1001-2
	ajc327	Cai	Andy	CHR	B-TAC1000-5
	cmlc3	Caron	Chloe	T	C-CYB-type(b)
	fc445	Cassidy	Fred	CAI	C-JPT1000-1
	wmc24	Catton	Will	PEM	F-IB255-1
	mc2022	Chakrabarty	Mrinalini	G	A-RSC10-2
	ksc37	Chan	Kingson	EM	A-GP10006-3
	tc513	Chan	Tom	EM	A-PGT23-1
	hfc38	Chang	Jason	SE	C-DUS20-1
	jc2069	Chang	Ji	CC	F-ICL20-2
	tc511	Charoenvasnadumrong	Tempy	HO	F-FF286-1
	jwhc4	Chaudhry	Jamey	HO	
	ac2150	Chellappa	Athi	CHU	A-MSD38-1
	lyc29	Cheng	Yan Yan	CTH	B-MJC87-1
	zc292	Cheng	Ziwei	R	F-FI224-5
	jhc71	Chia	Jing Heng	CHR	F-PCW-2
	mac224	Chrpek	Marcin	JE	F-PS751-2
	ac2146	Christou	Aimilios	CAI	B-SJS1001-2
	tkc26	Chung	Tek	PEM	C-AAS41-3
	kc529	Cimesa	Katarina	T	F-JS851-1
	jac287	Clarkson	Jamie	TH	D-CJB-2
	ac2153	Clayton	Amy	EM	D-JMA42-2
	mc2065	Collingwood	Michael	CHR	F-OP205-1
	jc2071	Collins	Jonathan	HO	A-JVT24-1
	jc2065	Collins	Joe	R	C-YYSH2-2
	hc492	Crisp	Harriet	R	F-FI224-1
	tcac2	Crossley	Tom	CL	D-DL359-type(b)

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Notes	CRS ID	Surname	Forename	College	Reference
	lrc47	Cryer	Lucy	CAI	D-GB479-6
	bjc212	Cumner	Paul	PEM	A-JVT24-2
	jc2075	Currie	Jemima	JN	D-JJO33-4
	hhc32	Cuthbert	Hasan	CAI	A-PAD3-2
	sd784	Das	Sanjan	Q	C-AJK61-3
	mwd35	De Paepe	Mattijs	EM	F-ML468-1
	hagd2	de Spoelberch	Henry	CTH	F-SSS40-3
	ad895	del Ser	Adrian	CHU	A-SH372-2
	cdd43	Diaconu	Cristiana	Q	F-AA406-3
	skd42	Dixon	Savannah	T	C-NL276-2
	mjtd2	Djali	Michael	DOW	F-AHG-1
	spd38	Drury	Sam	CHR	A-SDG33-2
	sd793	Dubov	Santiago	CC	F-KMK1001-2
	nd435	Duobaite	Nida	PET	B-GM603-1
	rve21	Earl	Rosie	MUR	C-MPFS-4
	ae408	Edwards	Amy	CAI	C-MPFS-3
	ae407	Emarah	Areeg	T	F-JL-type(b)
	afbf2	Fahmy Ansara	Amritz	CHR	C-DC-2
	ref44	Fallow	Rachel	K	D-JML2-3
	yf286	Fathullah	Yassir	PET	F-MJFG-4
	rf424	Fleck	Richard	TH	B-DP387-1
	srf47	Follen	Seth	DOW	B-DP387-3
	edf25	Francis	Ethan	JE	A-CJC95-2
	ccg36	Gai	Charles	TH	D-KAS14-4
	pg476	Galas	Pawel	T	B-TAC1000-1
	sg836	Gandhi	Sanchit	Q	F-MJFG-2
	ptg27	Gardner	Paul	CTH	F-FI224-2
	ag986	Georgiou	Antonis	CHR	B-AJF-3
	fg364	Georgiou	Fernando	EM	B-RVP11-1
	sg839	Gilbert	Saul	JE	D-AA22-7
	jg854	Gnanakumaran	Jeevith	SE	F-TSO24-2
	atg31	Goldney	Adam	JE	B-TDW-1
	rarg2	Gordon	Rory	HO	C-AJK61-1
	ig348	Grega	Ivan	PEM	C-GC121-type(b)
	yrg20	Guay	Yi Rong	ED	F-SJG-1
	sg835	Guo	Sukuan	TH	D-SAS229-1
	jg851	Guo	GuoJiaqi	CHU	F-SSS40-1
	tg415	Guo	Tianxiang	CHU	F-YW396-2
	ch792	Hamilton	Chris	DOW	D-CNA24-type(b)
	ilyh2	Han	Isaac	Q	C-TB267-2
	ah976	Harley	Angus	JE	F-TSO24-3
	nh483	Harris	Nick	TH	A-JMC99-3
	drh52	Harwood	Daniel	PEM	A-RG471-1
	fh362	Hassan	Filsan	M	B-NL276-4
	fh362	Heraghty	Finn	EM	D-JMA42-4
	ch793	Hill	Conall	JE	B-CD229-3
	kh612	Hirakawa	KISEKI	CHR	F-JS851-3
	hslh2	Horsley	Harry	JE	C-PJGL2-5
	bmh39	Howells	Ben	CAI	F-JJC75-1
	sh952	Hu	Amanda	CHU	F-RV285-2
	mh920	Huang	Jason	PET	A-AA406-4
	hch28	Hudson	Hugh	M	A-RG471-2
	rh689	Hudson	Robert	JE	B-PAR10-1
	ah973	Hughes	Andrew	HO	A-RSC10-1

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Notes	CRS ID	Surname	Forename	College	Reference
	nh489	Hughes	Nat	DOW	C-DC-5
	jh2047	Hunt	Joe	CC	C-HEMH-type(b)
	jh2121	Hwang	Bryan	CL	A-PGT23-2
	nh490	Hyldmar Dauffi	Nicholas	DOW	F-JMH233-2
	phi23	Iacovides	Cletos	DOW	A-LPX1-1
	aej45	Janowska	Aleksandra	K	D-AA22-9
	hgj24	Jenkinson	Hannah	G	D-MSPG1-2
	pgj27	Jennings	Philip	Q	F-TSO24-1
	lj353	Jia	James	F	A-SH372-1
	mj498	Jiang	MIN	R	F-RV285-2
	oaj24	John	Ollie	Q	D-SKH20-3
	hj327	Johnson	Hannah	JE	B-TDW-3
	gsj26	Jolly	Kiran	T	
	rlj36	Jones	Ryan	SID	B-AJF-5
	kcj21	Junge	Kai	HO	F-FF286-type(b)
	zhk25	Keh	Zong Hao	SID	D-JMA42-3
	ek471	Kemmish	Emma	MUR	B-SJS1001-3
	ck537	Kenyon	Charlotte	CHU	D-AA22-4
	tk524	Kirby	Tai	CTH	F-RS771-1
	zyk22	Koh	Yang	M	F-YW396-1
	tk518	Kopmels-Markland	Tom	CAI	A-GP10006-1
	tk520	Kosteletos	Tom	PEM	A-HB-2
	dk560	Kotsanopoulos	Dennis	T	F-JL-2
	ejk52	Krishek	Elliot	JN	B-GM603-1
	fk315	Kyriakides	Fotinos	DOW	F-GV-1
	zal22	Lambert	Zach	PEM	F-JL-1
	mal84	Langtry	Max	EM	F-ICL20-type(b)
	ml810	Latham	Matthew	F	A-GP10006-2
	wl355	Layzell-Smith	William	CC	C-JW12-type(b)
Decided to Graduate BA - Supervisor knows	jl2010	Lefkowitz	Joel	T	F-FI224-2
	dl584	Levi	David	K	A-AA406-2
	ml842	Lewyckyj	Maksym	JE	C-AAS41-3
	dwl36	Ley	Dan	CC	F-AW665-1
	ajl205	Lezard	Alex	CL	F-FF286-4
	jyl42	Li	Jane	T	F-GMT11-2
	rl574	Li	Rui	T	F-SB2330-1
	tl463	Li	Jessy	EM	C-YYSH2-3
	rhl29	Lim	Henry	K	C-PJGL2-4
	cl725	Lin	Ryan	T	B-GM603-1
	sl843	Lin	Shangyi	T	F-MJFG-2
	wl356	Lin	Dragon	T	F-WJB31-1
	yl645	Liu	Elena	W	F-MT126-2
	amgl3	Loubens	Amelie	G	D-SAS229-4
	vm126	Lungu	Vali	T	F-IK355-1
	bl434	Lustrini	Bernardo	Q	F-IB255-2
	jm2180	Ma	Jialiang	F	D-DL359-6
	am2593	Macdonald	Alastair	DOW	C-JHD25-1
	sm2298	Mahmood	Suhaa	T	A-MSD38-type(b)
	am2579	Mambreyan	Ara	T	F-OP205-type(b)
	sm2287	Mandoki	Sara	W	D-JJO33-3
	jtm44	Massingham	Joe	PEM	D-FC286-1
	cm923	Maxoutis	Charalampos	W	B-GM603-1
	hm582	May	Hannah	EM	D-RMF41-1
	inm25	McLean	Imogen	JN	C-DC-1
	dm784	Milgate	Drew	PET	B-TL322-1
	fm466	Misyura	Fedor	T	A-PAD3-1

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Notes	CRS ID	Surname	Forename	College	Reference
	tm576	Mitchell	Tom	Q	F-GMT11-1
	rmjm3	Mitchell	Rupert	T	F-JL-type(b)
	mcm85	Moore	Matt	DOW	C-TB267-1
	em702	Morrin	Ewan	CHU	B-TH270-2
	tmm45	Morrison	Thomas	M	
	mm2264	Mufti	Mahnoor	HO	D-KAS14-4
	mfn28	Nash	Melissa	EM	D-JML2-1
	bwmn2	Neo	Ben	W	A-WRG-1
	tn320	Newton	Tom	F	F-PS751-4
	zn223	Ni	Zhengyan	DOW	A-LPX1-2
	on229	Nick	Oliver	HO	F-IB255-3
	svn22	Nicolaou	Stefanos	W	
	kmn40	Nikolov	Kaloyan	HO	D-AG806-2
	ccn28	Norwood	Chris	PEM	
	phmn3	Nunn	Philippa	CL	C-JPJ1001-1
	zrjn2	Nyirenda	Zengani	JN	D-MSPG1-4
	ero24	Olah	Eszter	N	C-RLR20-1
	ooo30	Olawore	Fayo	SID	C-GTP-4
	mko27	Oldfield	Matthew	K	A-CAH1003-1
	jo398	Olieslagers	Jeroen	K	F-ML468-1
	ryo20	Ong	Ray Yi	Q	F-RV285-1
	cho23	Ong	Chin Han	HH	A-AJW36-1
	dpo26	O'Riordan	Dan	R	A-CJC95-1
	mwo22	O'Sullivan	Morgan	CAI	A-NS341-1
	tto21	Ouzounellis Kavlakonis	Theodoros	T	F-SJG-type(b)
	rap64	Pai	Rahul	CHR	D-IB340-1
	npdp2	Palmer	Nick	CTH	B-TL322-1
	bmp30	Parikh	Benjamin	JN	F-GV-2
	jjp54	Parke	Jonathan	CL	C-GTP-2
	hap43	Parry	Hugo	CTH	C-XNHN2-type(b)
	snp25	Patel	Sachin	EM	A-RG471-3
	zp252	Peng	Zhenyan	PET	F-PCW-1
	abp33	Poland	Angus	SID	A-JMC99-6
	jp772	Pongetti	Julie	N	A-AMB233-2
	mp864	Ponya	Mate	W	D-KAS14-4
	ip342	Prabhakar	Ilakya	M	F-RS771-2
	lq221	Qi	Luyuan	M	F-TSO24-3
	jq245	Quach	Jason	CTH	F-KMK1001-3
	kfr22	Ramsay	Katie	DOW	C-PJGL2-2
	mr741	Rapeanu	Miruna	CHU	A-RSC10-1
	adr43	Reddi	Aryaman	HO	F-GV-type(b)
	cr610	Ren	Chengjie	HO	B-DP387-4
	isrr2	Richards	Immy	T	A-MSD38-2
	acgr2	Rigby	Aidan	SE	A-JMC99-4
	or273	Rose	Oliver	R	F-KMK1001-1
	hs661	Saddiq	Hannan	CTH	F-JMH233-3
	ops24	Saldanha	Owen	PEM	F-SJG-2
	rs965	Sallis	Rosie	N	F-WJB31-2
	es758	Saunders	Ed	G	B-CD229-1
	djs246	Scoines	Dominic	M	D-AG806-1
	fjs41	Scott	Freddie	F	A-AW329-2

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Notes	CRS ID	Surname	Forename	College	Reference
	ps764	Scott	Peter	EM	B-TAC1000-2
	rs966	Shao	Jasmine	SE	D-JJO33-2
	ams279	Shine	Adam	R	A-GTP-1
	scss2	Singh	Sabrina	EM	C-TS573-1
	ngs31	Singh	Navjoth	EM	A-SH372-4
	rcs62	Slaney	Richard	HO	F-FI224-3
	ajs320	Smallwood	Alex	SID	F-FF286-3
	oms28	Smith	Oliver	EM	C-HEMH-5
	as2740	Sofianos	Alex	W	D-JJO33-1
	zs323	Song	Matt	CHU	F-MJFG-5
	ms2459	Stevens	Martha	EM	C-JPJ1001-2
	rs967	Streltsov	Roman	G	F-SB2330-3
	js2372	Stuchbury-Wass	Jake	TH	A-NRA27-1
	cs936	Suen	Chris	DOW	C-JPT1000-2
	ns723	Sun	Ning	G	A-TC367-2
	rs974	Swaminathan	Rahul	W	B-TL322-type(b)
	fs470	Szepkuti	Fanni	CHU	F-GMT11-3
	sks57	Szymanowicz	Stan	K	F-JJC75-type(b)
	irct2	Tan	Ian	DOW	A-LM547-1
	mxt22	Tan	Max	Q	F-TMB35-type(b)
	zxyt2	Tan	Zoe	CL	D-FC286-2
	st712	Tan-Ya	Shan	K	A-AW329-1
	wt262	Tapanakornwut	Kiki	CAI	C-MPFS-1
	ejt68	Tattersall	Ethan	M	C-AJK61-2
	leyt2	Teng	Lyndon	Q	A-HB-1
	at771	Theocharous	Andreas	CHU	F-SSS40-2
	lpt30	Tray	Lawrence	JN	F-IK355-2
	fht22	Treherne Pollock	Francis	JN	F-SB2330-1
	mv448	van der Lande	Max	CL	C-GJM31-2
	av504	Vinod	Abhik	JN	B-ACF26-1
	mccv2	Vinycomb	Max	CAI	C-DC135-1
	mv449	Voloboev	Misha	JN	C-RLR20-2
	av502	Vuolo	Anna	SID	F-RS771-2
	jw2007	Walji	Jibran	M	B-SJS1001-1
	yw450	Wang	Wang Yi	N	D-DL359-1
	yw454	Wang	Wang Yi	CHR	F-PCW-3
	yw451	Wang	Sebastian	PET	
	wow20	Weatherill	Will	HO	C-GJM31-1
	bjw65	Wharton	Ben	JN	C-HEMH-3
	bfw22	Whitfield	Briony	JN	D-AA22-8
	wigw2	Wilkins	Will	F	B-TAC1000-1
	rdw41	Wilkins	Ryan	T	C-GJM31-1
	frw31	Willcocks	Floss	M	D-SKH20-1
	jjw80	Williams	Joel	EM	C-HEMH-4
	mw723	Williamson	Max	JE	D-JMA42-1
	wjw27	Wong	Wei Jie	CHU	D-MAG92-2
	tww26	Wood	Tomos	Q	A-NS341-1
	hiww2	Wright	Harry	CHU	D-MAG92-3
	apw61	Wronski	Adam	TH	

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	xw338	Wu	Wu Xiaodong	CHR	F-PCW-4
	jw2002	Wu	Jiarui	G	F-WJB31-2
	tcw51	Wyllie	Tom	CTH	F-ML468-1
	gx218	Xia	Guoxuan	Q	F-MJFG-4
	cx232	Xu	Joe	JN	F-JMH233-1
	csy22	Yeo	Chang	PEM	C-AAS41-2
	kmy25	Yu	Cindy	M	B-MJC87-2
	zz355	Zhang	Alan	T	F-RET26-1
	rz295	Zhao	Rae	PET	F-PS751-6
	qz265	Zheng	Qiwen	R	B-ACF26-4
	hz337	Zheng	Hehui	SE	F-FF286-2
	zz354	Zhou	Anna	N	F-AA406-1

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Title	Supervisor Name	Group
The fantastic shrinking memory cell	Dr C Durkan	B
Applications of non-negative matrix factorisations to audio analysis	Prof S J Godsill	F
Mechanical properties of hair surfaces at the nanometer scale	Dr C Durkan	C
Belief Propagation for Data Recovery	Dr J Sayir	F
In vitro platform for intratumoural therapy	Prof G Malliaras	B
Aerogel Formation Modelling from Carbon Nanotubes	Dr A Boies	A
CFD simulation of the surface water flooding processes	Dr D Liang	D
UTI Detection	Dr P J G Long	C
Joint space mapping of the lower limbs in clinical CT	Dr A H Gee	F
DNA storage channel modelling	Dr J Sayir	F
Control of autonomous microgids	Dr I C Lestas	F
HGV fleet fuel consumption and carbon emissions	Prof D Cebon	C
DC link design for EV traction inverters	Dr T Long	B
Inference for a mechanical inverse problem	Prof G Csanyi	C
The development of instabilities in aircraft trailing vortices.	Prof J K Harvey	A
Multimodal Hate Speech Detection	Dr M Tomalin	F
Hybrid carbon and natural fibre composites for automotive applications	Dr D U Shah	C
Reducing the impact of construction through application of production engineering principles	Dr J Schooling	D
Flow of tremie concrete in excavation walls	Dr G Biscontin	D
Surgical micro-drilling for osteoarthritis treatment	Dr N Li	C
Bio-Engineering	Dr P J G Long	C
Analysing heat transfer in a pre-chamber combustion system	Prof S Hochgreb	A
Ducted fans for hovercraft	Dr W R Graham	A
Flames and Walls	Prof R S Cant	A
Lightweighting for trucks	Prof M P F Sutcliffe	C
Turbomachinery Design for Air-breathing Rocket Engines	Dr S D Grimshaw	A
Training neural networks on multi-modal data	Dr R E Turner	F
System Development of a 'Virtual' Training Environment for the Match Sprint Race	Dr G T Parks	C
Automatic Assessment of English as a Second Language	Dr K Knill	F
Condition monitoring of Train Rails	Dr T A Coombs	B
Using reinforcement learning to develop an optimisation strategy aimed at reducing a user's carbon footprint	Dr C Y Barlow	C
Monitoring the Tube - Vibration Analysis for a Quieter London	Dr J P Talbot	C
Semantic localisation in indoor environments using mobile phones for a multi-user interactive augmented reality platform within CUED	Dr I Budvytis	F
Unsteady jets and pulsed combustion	Prof R S Cant	A
Aerolog	Dr G Pullan	A
Jet engine design and build	Prof P G Tucker	A
Welding Wood	Dr D U Shah	C
Control of autonomous microgids	Dr I C Lestas	F
Robot assisted animal surgery	Dr F Forni	F
Hairy pipe flow: The fluid dynamics of sneezing	Dr M S Davies Wykes	A
Distributed Software Defined Radio for RFID	Dr M C Crisp	B
Transfer deep learning of motion control for different embodiment	Dr F Iida	F
End-to-End Speech Recognition using RNN Transducers	Prof P C Woodland	F
Compile-Time Transformations to Induce Optical Illusions in a Vector Drawing Language	Dr P Stanley-Marbell	F
High capacity digital coherent transceivers	Prof S J Savory	B
MEMS vibration energy harvesting	Prof A Seshia	C
Fast Fourier Transforms in Discrete Applications	Dr J Sayir	F
Solar Updraft Towers for Greenhouse Gas Removal	Prof C J Burgoyne	D
Energy and emissions in UK food	Prof J M Allwood	D
Automated remote testing for Alzheimer's disease	Dr O Puns kaya	F
Propulsion systems for VTOL electric vehicles	Dr J V Taylor	A
3D printing organ-on-a-chip	Dr Y Y S Huang	C
Evolutionary robotics: model-free design optimization of robots	Dr F Iida	F
Photogrammetric Surveying of Cave Systems	Dr D Liang	D

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Title	Supervisor Name	Group
Modular design for underground construction	Dr G Biscontin	D
Tip Leakage Flow in Next Generation Compressors	Dr J V Taylor	A
Shear Transfer Between Landing Stones in Cantilever Stairs	Dr J Orr	D
The Rotation-rate Dipole-strength Relationship for M-Dwarf Stars	Prof P A Davidson	A
Open Source Software project to model the viscoelasticity of materials	Dr A J Kabla	C
Computations in neural circuits	Prof M Lengyel	F
Fitting models to Financial time series	Dr S S Singh	F
Towards 4D velocity and scalar measurement reconstruction	Prof S Hochgreb	A
Cuff-less Blood Pressure Estimation	Dr A Agarwal	F
Development of an implantable cranial distractor	Dr N Li	C
Medical image analysis: bending invariant surface registration	Dr A H Gee	F
Ducted Fan Aerodynamics for VTOL Electric Vehicles	Dr S D Grimshaw	A
Automatic Assessment of English as a Second Language	Dr K Knill	F
Electrical stimulation of cancer cells	Prof G Malliaras	B
Knee stabilisation surgery	Prof M P F Sutcliffe	C
Heart transplant bioengineering	Prof M P F Sutcliffe	C
Comparison of conventional Image Compression techniques with new Machine Learning frameworks.	Prof J Lasenby	F
Adhesion vs Rolling Resistance for Eco-Racer Tyres	Prof D Cebon	C
'Next generation' whizzy concrete products	Dr J M Lees	D
Ensemble Distillation for Sequence Models	Prof M J F Gales	F
CMOS MEMS diode array infrared cameras	Dr D Popa	B
ATR mid-infrared sensors	Dr D Popa	B
Recirculating Turbine Cooling Films	Dr C J Clark	A
KinetiX	Dr K A Seffen	D
Robot design	Dr T A Coombs	B
Uncertainty bias and interpretability for Deep Learning	Prof M J F Gales	F
Design and control of bio-inspired robotic hands	Dr F Iida	F
P-type Copper Iodide Devices for Large-Area Electronics	Prof A J Flewitt	B
Large port count integrated photonic switches	Prof R V Penty	B
Designing stainless steel structural members using advanced inelastic stability analysis (Dr Jurgen Becque)	Prof A Al-Tabbaa	D
Developing brain-machine interfaces	Dr T S O'Leary	F
Holographic projection for visual illusions	Prof T D Wilkinson	B
Design of a force sensor and user interface for bell ringing	Dr A J Kabla	C
Discrete element modelling of the assembly of colloidal crystals	Prof G Csanyi	C
Non-Gaussian Levy processes for financial times series modelling	Prof S J Godsill	F
A 21st century laboratory testing device for geotechnical engineering	Dr S A Stanier	D
Reinforcement Learning for Automation	Dr S S Singh	F
Cross Language Information Retrieval	Dr Y Wang	F
Offshore wind turbine monopile substructure and superstructure holistic modelling.	Dr C N Abadie	D
Application of Machine Learning to Vibration Analysis	Dr T Butlin	C
Smart microscopy	Dr T S O'Leary	F
Future demand for chemicals, plastics and fertilisers	Dr J M Cullen	A
Fibrous coatings for turbulent drag reduction	Dr R Garcia Mayoral	A
Digital dermatoscope for skin cancer detection	Dr N Li	B
Solid-state welding with metal powder	Prof J M Allwood	D
Molecular electronic devices	Dr C Durkan	B
DNA storage channel modelling	Dr J Sayir	F
Bio-Engineering	Dr P J G Long	C
Transcription of analogue displays using a mobile phone	Dr J J Charles	F
Statistical learning for biological data	Dr R Venkataramanan	F
A multi-sensor stethoscope for smart diagnostics	Dr A Agarwal	A
Turbulence over porous/rough surfaces	Dr R Garcia Mayoral	A
Portable / disposable system to measure liver optical back-scatter	Dr P A Robertson	B
Unsteady jet propulsion	Prof R S Cant	A

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Title	Supervisor Name	Group
Tyre pressure measurement and management	Prof D Cebon	C
Design and testing of a catalytic monopropellant thruster for small satellites using nitrous oxide	Dr H E M Hunt	C
CFD Study of Airfoil Tip Flows	Prof P G Tucker	A
MIRACLE and efficient image compression via variational autoencoders without quantization	Dr M Hernandez Lobato	F
Three dimensional CFD with real gas and chemical reaction models	Dr L P Xu	A
Machine learning for self-healing efficiency optimisation in cementitious materials	Prof A Al-Tabbaa	D
Foundations for Floating offshore wind farms	Prof S P G Madabhushi	D
The cerebellum and online learning	Dr T S O'Leary	F
Droplet behaviour in flames	Prof S Hochgreb	A
Statistical learning for biological data	Dr R Venkataramanan	F
Anchor damage to offshore cables	Dr S K Haigh	D
The Internet of equine - sensing gait on a horse and rider	Prof T D Wilkinson	B
Frequency Tracking of FBAR Sensors for Fluids	Prof A J Flewitt	B
Control of a bio-inspired robotics arm with an antagonistic spring configuration	Dr F Forni	F
Circular cars	Prof J M Allwood	D
100 GbE access optical networking technology	Prof S J Savory	B
Clays: Cements of the Future	Prof A Al-Tabbaa	D
Neuromorphic control	Dr R Sepulchre	F
Deep Sequence Models for Speech Processing	Dr Y Wang	F
The unsteady fluid dynamics of film cooling	Dr G Pullan	A
Unsteady wing forces and their mitigation	Dr H Babinsky	A
Deep Learning model for Customer Product Recommendation	Prof J Lasenby	F
Electrical stimulation of cancer cells	Prof G Malliaras	B
Reinforcement Learning for fault tolerant control	Dr G Vinnicombe	F
Construction and Analysis of Parallel Robots using Geometric Algebra	Prof J Lasenby	F
Optimal energy storage location and scale to support renewables in power grids	Dr I C Lestas	F
Aerodynamics of air conditioners	Dr G Pullan	A
An Investigation of the acoustic vibrations in different keyboard instruments	Prof J Woodhouse	C
Design and control of bio-inspired robotic hands	Dr F Iida	F
Unsteady aerodynamics of free reeds	Dr A Agarwal	A
MEMS vibration energy harvesting	Prof A Seshia	C
Interpretability in Machine Learning	Dr A Weller	F
Dynamic balancing of feedback and feedforward in robotics	Dr F Forni	F
Mapping bone changes after osseointegrated implantation	Dr G M Treece	F
Machine-learning based algorithm for highly multiplexed fluorescence barcoding experiments	Dr S Bakshi	F
3D printing of Multi-Materials Hydrogels	Dr Y Y S Huang	C
Dizziness Monitor (a)	Dr P J G Long	C
Electrical stimulation of cancer cells	Prof G Malliaras	B
Uncertainty bias and interpretability for Deep Learning	Prof M J F Gales	F
End-to-end Multi-Domain Task-Oriented Dialogue Systems	Prof W J Byrne	F
Automated Suicide Risk Detection from Social Media Posts	Dr M Tomalin	F
Resilient pipes for water distribution and sewer systems	Dr S A Stanier	D
Graph compression	Prof I Kontoyiannis	F
Accurate and detailed human pose and 3D shape estimation from mobile phone images	Dr I Budvytis	F
Monitoring large ground deformation with novel imaging techniques	Dr D Liang	D
Energy Storage Flywheel with Superconducting Bearing	Dr J H Durrell	C
Designing a Pressure Feedback System	Dr M S Davies Wykes	A
Personalizing Education	Dr O Punskeya	F
Automating concrete construction	Dr J J Orr	D
Infrastructure sensing using everyday mobile devices	Dr F Cirak	D
Electrical stimulation of cancer cells	Prof G Malliaras	B
From tiny acorns	Dr R M Foster	D
Bio-packaging Materials	Prof D Cebon	C
DC link design for EV traction inverters	Dr T Long	B
Liquid Metal Batteries	Prof P A Davidson	A

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Title	Supervisor Name	Group
Fast simulation of CT scanning in 3D	Dr G M Treece	F
Graph Convolutional Networks for Part Geometry Compression	Prof J Lasenby	F
Application of Bayesian Inference Methods to Vibration Analysis	Dr T Butlin	C
Inkjet printed graphene-metal oxide miniaturised gas sensors	Dr T Hasan	B
KinetiX	Dr K A Seffen	D
Tailed reinforced concrete infrastructure	Prof J M Lees	D
Wake-filling aerofoils	Dr W R Graham	A
Machine Learning for Sensor Transducer Conversion Routines	Dr P Stanley-Marbell	F
Design of next generation high bypass ratio fans for Turbine Propulsor Simulator (TPS)	Dr L P Xu	A
Learning vision-only control of a pocket drone with external camera(s)	Dr I Budvytis	F
Understanding the impacts of battery production and disposal for future electric cars	Dr A Gonzalez Cabrera	D
Conceptual Design of a Greener Concorde	Dr J P Jarrett	C
Experimental model for heat storage in ground	Prof G Madabhushi	D
Dyson Centre Inspiration Area: Mechanics, Instrumentation and Control (including Electronics and Software) Demonstration Equipment	Dr R L Roebuck	C
A Virtual Opponent for the Match Sprint Race	Dr G T Parks	C
Fan Stability Enhancement with Partial Casing Treatments	Dr C A Hall	A
Computations in neural circuits	Prof M Lengyel	F
Dimensionality reduction for heterogenous data	Dr R Venkataramanan	F
Energy Storage	Dr A J White	A
Pneumatic probe sparse calibration and map warping	Dr C J Clark	A
Environmental impacts of renewable energy technologies	Prof N Swaminathan	A
Numerical Methods and Parametric Inference for Continuous-Space-Time Stochastic Processes	Prof S Godsill	F
Digital Twin Controlled Drones	Dr I Brilakis	D
DC link design for EV traction inverters	Dr T Long	B
Using automatic differentiation for Hinfinity control system design	Dr G Vinnicombe	F
Simulation and Strategy Optimization for Track Cycling	Dr G T Parks	
Modelling Driver Braking Control	Dr X Na	C
Generation of turbulent coherent structures by acoustic liners	Dr R Garcia Mayoral	A
Diarisation using Neural Networks	Prof P C Woodland	F
Material requirements for future UK vehicles	Dr J M Cullen	A
How does particle structure affect climate change and energy?	Dr A M Boies	A
KinetiX	Dr K A Seffen	D
Active control of collective motion	Dr R Sepulchre	F
Smart microscopy	Dr T S O'Leary	F
Low Resource Speech Technology for Language Revitalisation	Dr K Knill	F
UTI Detection	Dr P J G Long	C
Unsteady jet propulsion	Prof R S Cant	A
Reinforcement Learning and Game Theory	Dr G Vinnicombe	F
Thermal conductivity CMOS gas sensors	Dr D Popa	B
When do you need a paperweight?	Dr M S Davies Wykes	A
A global exergy map of material and energy flows	Dr J M Cullen	A
Automatic detection of speech disorders in children	Dr K Knill	F
Robust optimization in latent space with Bayesian variational autoencoders	Dr M Hernandez Lobato	F
A touch sensitive music synthesizer for pipe organ emulation	Prof S J Godsill	F
Using training data to reduce gender bias in Neural Machine Translation	Prof W J Byrne	F
Graphene at the atomic scale	Dr C Durkan	B
Demolish or refurbish? Prioritising interventions to reduce emissions of British housing	Dr A Gonzalez Cabrera	D
The fluid mechanics of Flow Batteries for energy storage.	Dr A Wheeler	A

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Title	Supervisor Name	Group
Flux Pumping - super strong magnets and their applications	Dr T A Coombs	B
Can we live without concrete?	Dr J J Orr	D
PWR LOCA Modelling for Uncertainty Quantification	Dr G T Parks	A
Tensile test method for soft biological tissues	Dr T Savin	C
Thermoacoustic cooling	Prof S Hochgreb	A
Robotic Cooking Assistance	Dr F Iida	F
Event-based motor control	Dr F Forni	F
Space Elevators - can they ever work?	Dr H E M Hunt	C
The future of engineering education: how and why	Dr J J Orr	D
Deep Learning for Speech Synthesis	Prof M J F Gales	F
Airframe Icing Mitigation in Antarctic Flight Operations	Dr J P Jarrett	C
Engineering a liquid handling system for highly multiplexed barcoding technology	Dr S Bakshi	F
Measuring wind speed on cyclists	Dr N R Atkins	A
Vibration Modelling of Building Structures	Dr J P Jarrett	C
Development of machine learning based body force model for turbomachinery	Dr T Cao	A
High-Voltage GaN/SiC Brushless DC Motor Controller for Solar-Electric Vehicles	Dr T Long	B
Assessing trabecular bone over the whole skeleton	Dr G M Treece	F
Building a model of behaviour detecting suspicious and dangerous actions by tracking humans in videos from public spaces	Dr J J Charles	F
Mathematical methods from quantum mechanics to tackle fluids	Dr L Magri	A
The Application of Virtual and Mixed Reality to Industrial Training	Dr T M Bohne	F
Structural optimisation using statistical inference techniques	Dr F Cirak	D
Wind farm aerodynamics	Dr A Wheeler	A
Dog knee biomechanics	Prof M P F Sutcliffe	C
Design and testing of a magnetic probe for single cell mechanics	Dr A J Kabla	C
Three-dimensional shock-wave / boundary-layer interactions	Prof H Babinsky	A
Statistical Modeling and Computation for Data Centric Engineering	Dr S S Singh	F
Detecting causal structure in time series	Prof I Kontoyiannis	F
Machine-learning based algorithm for highly multiplexed fluorescence barcoding experiments	Dr S Bakshi	F
Safe disabling of a moped by controlled wheel entanglement	Dr G J McShane	C
Graphene Nanodevices	Prof A C Ferrari	B
Processing and properties of single grain (RE)BCO bulk superconductors using RE-211 and RE2O3	Prof D A Cardwell	C
Dyson Centre Inspiration Area: Mechanics, Instrumentation and Control (including Electronics and Software) Demonstration Equipment	Dr R L Roebuck	C
Active control of collective motion	Dr R Sepulchre	F
Rare events in optical fibre communication systems	Prof S J Savory	B
Computer modelling of ocean wave propagation on porous beaches	Dr D Liang	D
Multimodal Learning using Audio-Visual Data	Prof P C Woodland	F
Optimising 3D printed cellular materials for impact energy absorption	Dr G J McShane	C
Dynamics of a tethered balloon	Dr H E M Hunt	C
Biomimetic Infrastructure Materials - Microcapsules	Prof A Al-Tabbaa	D
Robot design	Dr T A Coombs	B
Optimising 3D printed cellular materials for impact energy absorption	Dr G J McShane	C
Giken- Implant structures	Dr S K Haigh	D
Trinity College Clock - temperature compensation	Dr H E M Hunt	C
Micro-anaerobic digester	Prof J M Allwood	D
Baysian Partition Models of Streaming Data	Prof M A Girolami	D
Environmental impacts of renewable energy technologies	Prof N Swaminathan	A
Wearable Devices and hierarchic Bayesian Modelling to study COPD	Prof M A Girolami	D

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Title	Supervisor Name	Group
Improved Training Methods for Transformer Models	Prof P C Woodland	F
Using training data to reduce gender bias in Neural Machine Translation	Prof W J Byrne	F
Computations in neural circuits	Prof M Lengyel	F
Ensemble Distillation for Sequence Models	Prof M J F Gales	F
Information theoretic exploration in reinforcement learning with successor uncertainties	Dr M Hernandez Lobato	F
Mode-localised MEMS inertial sensors	Prof A A Seshia	C
Backscatter Communication simulation	Dr M Crisp	B
New methods for improving sparse Gaussian Processes	Dr R E Turner	F
Feature Extraction in Multi-Modal Sensor Data by Dimensional Function Synthesis on FPGAs	Dr P Stanley-Marbell	F
Printed Graphene Antennas	Prof A C Ferrari	B
Resilient Flocking for Robot Swarms	Dr F Forni	F
A smart stethoscope for diagnosis of lung disease	Dr A Agarwal	F