IIB Projects 2016-17
FIRST ALLOCATION
27/05/2016

CRS ID	Surname	Forename	College	Reference	Title
ha343	Abdullahi	Hanad	PEM	C-RLR20-2	Dyson Centre Inspiration Area: Mechanics and Control (Possibly Vehicle) Demonstration Equipment
jia22	Abrahams	Josh	PEM	A-WRG-1	Wind-Tunnel Testing for VTOL Hybrid-Electric UAV
aa782	Adriaenssens	Arthaud	JN	D-MO318-2	Next generation FRP connections for Free-Form buildings
jna29	Aduol	Joshua	CHR	F-RET26-1	Symbolic algebra for Gaussian Processes
ta355	Aldridge	Tom	CC		
aa784	Ali	Akmal	SE	F-SJG-2	Applications of non-negative matrix factorisations to audio analysis
jba26	Allen	Joe	JE	D-SDG-5	Bistable structures for aircraft landing gear
lca40	Andrews	Laura	JN	D-GB479-1	Pipeline-soil interface testing
aa788	Araya-Williams	Amaru	CL	C-GTP-1	Optimising Strategy for the Points Race
wgma2	Archibald	Will	F	C-JPJ1001-1	Configuration of a VTOL Hybrid-Electric UAV
na397	Ashman	Nazim	CTH	B-AJF-5	Film Bulk Acoustic Resonator Biosensors
ja541	Atherton	Jack	CL		
mfa41	Aurand	Magali	Q	D-DL359-4	Case study of the Bin Brook flood and its mitigation measures
ab2164	Bain	Angus	CAI	C-MPFS-5	Motion Capture and Force Plate Analysis of the Canine Forelimb
bmb30	Barakonski	Bartek	SID	F-RS771-2	Actuating valve arrays
sb981	Basak	Shreeja	K	C-MDB54-2	Evaluation methods for automotive human machine interface disability
fb411	Bastianello	Federico	CHU	A-WRG-2	Aerodynamics of car roof boxes
apdb2	Bathurst	Alex	SID		
ospb2	Bell	Ollie	PET	D-SDG-1	Bending tensegrities
gb469	Bergamo Andreis	Giovanni	Q	C-DC135-1	The effects of combined rare earth elements on the growth and superconducting properties of (RE1-RE2)BCO single grains
ab2163	Bhalerao	Ajinkya	CAI	A-AMB233-1	Aerogel Formation from Carbon Nanotubes
hb428	Bin Abdul Halim	Haris	PET	F-SJG-5	Statistical enhancement of multichannel audio from transcription
kb550	Blackett	Katie	SID	D-MHR29-2	Timber Skyscraper...a proposal for the City of London
dhb35	Blower	Daniel	T	D-MHR29-2	Timber Skyscraper...a proposal for the City of London
bb458	Bob-Soile	Baba	JN	C-HEMH-2	Trinity College Clock
smb200	Bradley	Sally	T	D-MSPG1-1	Visualisation of floatation of tunnels following earthquake induced
rpb38	Bradshaw	Rory	JE	D-IB340-6	The Lifecycle of Bridges in Virtual Reality
eb572	Broadhead	Ed	HO	A-JMC99-3	Mapping resource flows of minerals (cement lime glass ceramics)
tb505	Broughton	Tom	CL	C-MPFS-4	Dog knee robot testing
cjb248	Bruce	Charlie	G	F-SJG-type(b)	Processing of data streams from a bicycle navigation system
usbb2	Bulchandani	UDAYAN	T	B-TAC1000-1	Robot design
rac96	Calvert	Robert	M	B-PRP-4	Electronic dc-dc Transformer
afc39	Cameron	Agnes	K	B-TDW-1	Holographic projection for visual illusions
nrjc2	Capel	Nicholas	Q	F-CER54-3	Using machine learning to control an inverted double pendulum using camera feedback
jc840	Chaddock	John	G		
aclc3	Chan	Aiden	JE	D-SDG-2	Form-finding for tensegrity structures
tmc49	Cheema	Talay	CHU	F-JS851-1	Reed Solomon Coding for DNA Storage
wc281	Chen	Vayk	R	D-KAS14-5	When d-cones approach
yc368	Chen	Hope	EM	F-OP205-4	Smart thermostat re-visited: making you comfortable and saving energy
ac892	Chodorowski	Amy	CTH	C-GTP-5	Simulation and Optimization of Competitive Cycling Events
acc66	Chong Kwan	Alexander	G	D-MO318-6	Self-healing Glass
jrc83	Chow	Jia Rui	CTH	C-DC-6	Energy performance of a hybrid urban delivery vehicle
hxc20	Chua	Hui Xuin	F	C-JMC99-5	Thermal Analysis of College Buildings
atc33	Clucas	Andrew	CHR	A-PGT23-7	Aerodynamics of flow around racing car wheels
pc502	Cohen	Paul	EM	C-YYSH2-2	Bioprinter at a Nano-Scale
sc835	Cook	Sinead	MUR	C-MPFS-3	Bioengineering modelling of a neurosurgical operation - decompressive craniecomy
ac900	Cooper	Anthony	CHU	D-DL359-5	Surveying and hydraulic modelling of River Cam
jec214	Crease	Jonny	CTH	A-JL305-1	Numerical simulations of hypersonic flows
md602	Dammers	Matt	T	C-PJGL2-3	Wearable gait analysis
lnd22	Davies	Louis	PEM	B-TJF-1	Development of stepper motor experiment
md639	Diesel	Matt	CTH		
md643	Dillon	Martha	EM	D-AMM24-type(b)	An analysis of the infrastructure of the Calais refugee camps and their ability to support female residents
jd653	Dismore	Josh	DOW	C-HRS-6	A higher profile for Engineering in KS4/5 Science
sjd83	Draper	Sam	PET	D-PRHD2-1	How Can Deteriorated Concrete Half-Joint Structures Be Assessed?
md635	Droogleever Fortuyn	Michael	PEM	F-RJW57-1	Use on-board drone sensors to inspect and understand field 2D layout
phd27	Durkin	Phil	CHR	D-CJB-5	Warning of collapse of prestressed concrete structures
ae350	Egan	Alan	HO	B-TDW-type(b)	Building an Open Source Video Capture System for use in Conferences and Talks
ae349	Eyres	Aldwyn	EM	A-AA406-1	Unsteady aerodynamics of leaves and heart valves
af520	Fairclough	Alex	PET	A-RSC10-4	Unsteady jet propulsion
mf495	Fan	Miles	EM		
ff285	Fang	Feiyuan	F	A-JMC99-1	Certifying reused structural steel
yf268	Fedoseeva	Yuliya	MUR	D-MO318-4	Cold bent ultra thin glass
cf393	Fleming	Callum	HO	D-MJD97-3	Seismic design of shell structures: Droneports for Africa
mgf27	Friedman	Michael	W	F-TSO24-1	Modelling behavioural state-dependent neuromodulation

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wf239	Froom	Will	CHU	F-NGK-2	Prediction of Road Traffic Flow and Congestion
pjf47	Frost	Patrick	R	D-CJB-6	Fracture Mechanics of Stone Blocks under Torsion
gf296	Funk	Gareth	CHU	B-TAC1000-1	Robot design
cag66	Galbraith	Connor	TH	A-JCM91-2	Scalable Nuclear Power Stations
cmg60	Galpin	Chris	K	D-AMM24-1	Reducing carbon from the built environment
jpg56	Ganendra	Jerry	JE	A-JCM91-2	Scalable Nuclear Power Stations
rg478	Gayer	Robert	TH	D-MJD97-1	Detection of bridge deformation using laser scanning
smg69	Gill	Sean	F	C-DJC13-5	Driver interaction with semi-autonomous cars
hg366	Gledhill	Hannah	EM	A-JDC38-1	Instrumentation Losses in Jet Engines
fkag2	Gokstorp	Filip	K	A-MPJ1001-2	Precision learning
vg287	Gough	Vicky	PET	B-TJF-5	Enigma
ajg206	Grafton	Alex	R	F-JL-4	Hawk-Eye 3: Automatic Detection of Advertising in Sports Video Footage
tg358	Gratton	Tim	CTH	A-GTP-3	Wave Energy Device Modelling and Optimization
hh409	Hadfield	Hugo	Q	C-GNW20-3	Computing uncertainty - multi-level Monte Carlo methods
dth27	Hall	Dominic	PEM	D-MO318-6	Self-healing Glass
fjh34	Hampel	Freddie	JE	D-GB479-2	Correlating strength and stiffness of clays
cth38	Heavens	Callum	F	C-HEMH-type(b)	Roller Coasters - To what extent do material and geometrical factors influence their dynamic performance
tdh37	Heesom	Tom	EM	D-MJD97-2	Collapse of heritage structures due to wind loading
dh490	Henderson	Daniel	Q		
th448	Herbert	Tom	T	F-JL-1	Modelling Tandem Pacing for British Paracycling's Elite Riders
mh739	Hollands	Matt	CHU	B-AN299-5	Hardware and Software Development for X-Y and Z-Touch Interaction
jlh204	Hooper	Jamie	N		
jh919	Horn	James	EM	D-GB479-5	Effect of climate change on surface erosion of embankments
ajh256	Horne	Alex	CL	C-HRS-2	Product disassembly and analysis
sh773	Hosein	Samir	CC		
dh487	Hoyle	David	JN		
dh483	Hsuan	David	EM	D-JCM91-3	Hypertunnel - An Ultra-High Speed Passenger Transport System
wh286	Hu	Whitney	CHU	F-SSS40-1	Fitting models to Financial time series
sh778	Hughes	Sophie	TH	A-GP10006-3	Trips refreshed: Drag reduction of a racing cyclist
kuth2	Hunter	Kane	G	C-HRS-1	Thermal Analysis of College Buildings
soh21	Hutchinson	Sam	M	D-JCM91-1	From Oxford to Cambridge by Driverless Bus
si284	Idrees	Suhail	CC	C-TS573-2	Transport of water in plants
mj430	Jerjian	Mark	Q	F-SJG-1	Simulation and inference for limit order books in high frequency finance
rj346	Jobanputra	Rishi	PEM	C-MDB54-1	Optimisation of automotive human machine interface disability adaptation
sj442	Johal	Sucbinder	JN		
asc58	Johnstone	Amy	CHU	C-JHD25-1	Energy Storage Flywheel with Superconducting Bearing
mrgj3	Jones	Michael	CHU	A-JL305-4	Dynamics of laminar vortex rings
laj30	Jones	Lewis	CC	B-TAC1000-6	Robot Navigation
mcj33	Judge	Matthew	CTH	F-NGK-1	Use of 3D information derived from a drone camera to identify objects in a field of crops
dk481	Kavolis	Daumantas	PET	A-MPJ1001-2	Precision learning
kk512	Kebaikanye	Kutlo	W	A-NRA27-2	Turbomachinery Heat Transfer & Rotating Flows
jk598	Kim	Jason	DOW	D-MSPG1-2	Foundations for Floating offshore wind farms
fk285	Kirchner	Fritz	JN	A-CAH1003-1	Boundary Layer Ingesting Propulsion for Hybrid Airships
zhk22	Kok	Zhi Hao	F	C-DL416-2	Fracture toughness of Komodo Dragon teeth
dk483	Kousoulidis	Dimitris	CHU		
dk482	Kristek	David	CL	C-AJK61-2	LCD based microfluidic device prototyping.
mdk32	Krol	Mat	Q	D-YH305-2	How do people use spaces for activities in UK offices?
rgl31	Ladley	Richard	JN	F-GV-1	Control of a VTOL Hybrid-Electric UAV
ql259	Lai	Qiuying	N	F-MJFG-3	Deep Learning for Speech Synthesis
gl375	Laidler	Gaia	PEM	C-HRS-6	A higher profile for Engineering in KS4/5 Science
cl595	Lane	Christina	JE	C-GTP-2	Simulation and Optimization of Competitive Cycling Events
bpl24	Langslow	Ben	JN		
pl390	Laosunthara	Pawarit	HO	A-PGT23-2	CFD modelling of compressor blade flows
awl24	Law	Alex	G	D-RC488-4	Analyzing the Cite Descartes (Paris)
jl791	Lawrence	Jordan	G	B-DMH-3	See it and say it
jl785	Ledger	Jonathon	HO	B-TJF-5	Enigma
nl322	Leelathuwanont	Pecky	T	B-TAC1000-7	Superconducting cables for HVDC
wl317	Li	Lee	Q		
zl325	Liew	ZiQing	PET	D-DL359-1	Rainfall-runoff processes in urban environments
bl364	Lin	Eddie	JN		
bl365	Liu	Bingqian	MUR	F-CER54-2	Gaussian Processes for Machine Learning in R
al706	Livingstone	Amy	N	B-RVP11-2	Visible light communications
yl510	Lou	Yuxiang	F		
ml696	Lowther	Max	M	C-DC-7	Identifying cyclists using vision data - PA
hl428	Lu	Vicky	N	F-MJFG-1	Automatic Assessment of English as a Second Language
kym20	Ma	Nixon	SID	A-JDC38-1	Instrumentation Losses in Jet Engines

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qgm20	Ma	Geoff	EM	F-GV-type(b)	Instrumentation and/or Control of Insolated/Engineered Plastids
rjm229	Macpherson	Ryan	DOW	B-FT242-1	Printed nanoengineered dielectrics for flexible electronics
mdm46	March	Matthew	JE	B-TDW-3	Scanning camera for Mid-infrared optical applications
thm35	Markham	Tom	CTH	B-TDW-4	Interface design for a fast ferroelectric liquid crsytal display
jnkm2	Massiah	Jordan	M		
am2057	Mathioudakis	Arianna	K		
wjm36	McBride	James	CC	C-GNW20-2	Vibrating turbine blades - simulating on supercomputers
am2234	McDonald	Andrew	CL	F-AA406-3	A smart stethoscope
avm32	Medek	Akos	PEM	D-KAS14-1	A "pizza-the" action
dnm29	Mehlig	Daniel	F	B-DMH-1	Computer-aided design of mixed-signal CMOS IC
mm2024	Mehrabanifard	Milad	CHR	D-IB340-7	Robotic Construction Worker
nm555	Mehta	Nisarg Mehta	JE	F-CIPOLLA-5	Health monitoring application - Food recognition
mm834	Michael	Michalis	HO	A-GRH20-2	Smoke filling of a room due to a small fire
rim30	Mihai	Roxana	JN	F-OP205-3	Your health track: can wearables and your personal big data help?
tmm38	Molyneux	Toby	HO		
em565	Monastyrski	Evald	HO	B-DMH-1	Computer-aided design of mixed-signal CMOS IC
plm34	Mooney	Peter	SE		
erm54	Moore	Ellie	DOW	D-SKH20-3	Anchor damage to offshore cables
wm274	Morris	William	HO	A-AMJD2-1	Aerodynamic Design of a micro-electrical-mechanical (MEMS) probe
inm23	Mueller	Iven	EM	B-TJF-4	Process control for domestic beer production
tdm33	Mullners	Tom	W		
fn238	Newman	Felix	SE	A-GP10006-4	Low drag tubes for racing bikes
an428	Niven	Andrew	DOW	A-GP10006-1	Aerodynamics of stator-less counter-rotating turbines
go235	O'Connell	Gavin	DOW	C-DJC13-3	F1 driving simulator motion cueing
lo279	Odufuwa-Bolger	Lorcan	T	C-JPJ1001-2	Conceptual Design of a Greener Concorde
cjo36	Ong	CJ	SID	A-AA406-4	Aeroacoustics of mouse courtship whistle
zo214	Ou	Zhou	G	A-PGT23-1	CFD Modelling of a VTOL Hybrid-Electric UAV
sp710	Pancewicz	Szymon	JN	B-AJF-1	Simulation of Plasmonically Nanostructured Solar Cells
rjp96	Parkinson	Richard	PEM	F-SJG-3	A touch sensitive music synthesizer for pipe organ emulation
casp3	Parmenter	Chris	T	B-AN299-6	METAL OXIDE THIN FILM TRANSISTORS FOR TRANSPARENT ELECTRONICS
mjp97	Penellum	Matthew	HO	D-MHR29-3	Structure and strength in engineered bamboo composites
jegp2	Perry	James	PEM	A-PAD3-2	Tornadoes
sp713	Phillips	Sam	EM	A-AA406-2	Acoustics of raindrops
rjp95	Phillips	Richard	PEM	A-GP10006-2	Hydrogen-fuelled gas turbines for energy storage
mtp32	Polack	Mike	Q	D-JPT1000-6	Building Response to Ground Vibration at the West Cambridge Campus
dp483	Powell	David	DOW	F-MJFG-2	Multi-Language and Language Independent Speech Processing
kr394	Rastene	Kamile	PET	F-JS851-3	DNA storage systems
csr38	Ravasio	Claudio	W	F-FI224-2	Evolutionary robotics: Co-optimization of body and controller
lr399	Reeves	Laurence	Q	C-GJM31-1	3D printing soft solids for personal protective equipment
tcr31	Reimer	Tom	DOW	F-SSS40-3	Computational Statistics for Data Science
jr621	Richardson	James	Q	C-AM253-1	Architecture Characterisation of Collagen Scaffolds for Tissue Engineering
jr622	Roberts	James	Q	A-AW329-1	Micro optical measurements in small-scale turbines
cr513	Robinson	Corey	K	C-RLR20-1	Dyson Centre Inspiration Area: Mechanics and Control (Possibly Vehicle) Demonstration Equipment
ajr209	Romano	Arthur	TH	A-SAS37-2	Oxygen separation and transport materials for carbon capture
adr39	Rossiter	Alex	G	A-NRA27-1	Arm-shoulder-torso interactions: Drag reduction of a racing cyclist
fsr25	Ruess	Fred	CHU	F-SSS40-1	Fitting models to Financial time series
vmsr2	Rutten	 	TH	F-GJEH2-1	Fast dynamic rewiring of cortical circuits through gain modulation
kr395	Ryabchynskyy	Kostyantyn	PEM	C-DC-3	Fuel consumption modelling for a home-delivery vehicle
kas82	Saar	Kaur	T	F-FI224-2	Evolutionary robotics: Co-optimization of body and controller
is361	Sands	Isobel	HO	D-CJB-2	Buckling of trabecular bone
mgs46	Schafer	Mary	TH	D-MSPG1-3	Uplift resistance of an Under-reamed Pile Foundation
ss2172	Sen	Saachi	T	B-FT242-3	Printing of single crystal graphene films
as2375	Senior	Alistair	CAI	A-RJM76-2	Ultrafan nacelle design
ps606	Sharma	Paridhi	JN	B-IHW3-1	Development of polymeric waveguide structures for board-level optical interconnects
skws3	Shobo	Shobo	ED	A-RG471-1	Optimisation of riblet surfaces for drag reduction
as2384	Sinha	Alek	JN		
ps602	Siripornpitak	Boyd	DOW	A-AJW36_1	Wet steam flow modelling
njs65	Slack	Nick	TH	B-SJS1001-1	100 GbE access optical networking technology
dls49	Smith	Luke	DOW	F-SSS40-2	Reinforcement Learning for Automation
as2382	Sozanska	Anna	F		
mls56	Steer	Madeleine	JE	C-HRS-2	Product disassembly and analysis
gs480	Sterlini	Giorgio	PEM	C-DJC13-7	Vehicle design/build/modify/test
ts581	Stockwood	Tom	R	C-DJC13-6	New IA mechanics experiment

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cis24	Stuart	Chris	JE	A-ES607-1	Modelling of tritium diffusion
jcs93	Swanborough	Jack	JN	D-IB340-14	CAD Data Format for Optimum Visualization
ss2163	Swaroop	Siddharth	CHU	F-RET26-2	Understanding Expectation Propagation
pjs87	Szmucer	Patrick	PEM	F-CIPOLLA-4	Computer vision techniques to monitor crops and inform decision
jkvt2	Tan	Jun	M	F-CIPOLLA-1	Human pose and shape estimation from mobile phone images
jt557	Tang	Tony	F	F-FI224-2	Evolutionary robotics: Co-optimization of body and controller
lt381	Tate	Louis	CL	A-SH372-type(b)	Investigation Into Energy Sustainability And Efficiency For The Passenger
bt325	Taylor	Ben	HO		
csct3	Teng	Clare	PEM	F-CER54-1	Characterising the control actions of a Formula 1 driver
at667	Thorn	Alex	M	C-DJC13-8	Bicycle rolling resistance
akdt2	To	Anthony	DOW	F-JL-2	Hawk-Eye 1: . Automatic Inter-Camera Colour Balancing to Support Real-time Video Analytics
st594	Toma	Silviu	M	B-AN299-1	Interactive Touch Screen Displays
mdt36	Truby	Michael	DOW	B-TJF-5	Enigma
sjt83	Trueman	Sam	K	D-KAS14-6	Kink my "k"-cones
wlbt2	Tsui	Bertha	Q	D-MO318-1	Transparent slender structures
atru2	Unwin	Tom	Q	D-KAS14-3	My honeycomb rings
eapu2	Upcott	Edward	EM	F-MCS-1	Vehicle dynamics of sportscars with McLaren Automotive
apu21	Upstone	Alexander	SID		
av413	Vega Kurson	Ana Laila	SID	D-ME254-1	Modelling the in-service performance of the SAIP railway bridge
av415	Venner	Adam	JE	D-SKH20-4	Mechanics of the Plastic Limit Test
aw619	Waterson	Adam	R	D-CJB-1	Composite termination for aramid ropes
mw620	Waterson	Matthew	CHU	D-SDF10-1	Sustainable buildings - optimising hybrid systems
aw627	Weir	Anna	G	C-MPFS-1	Ear eustachian tube repair
sjtw2	Westlake	Sam	JE	F-OP205-5	Smart fish tank monitor
ew434	Wickens	Ed	CL	A-GTP-4	Reactor-Physics Modelling of Pressurized Water SMRs
dtgw2	Wickramanayake	Toshan	T	B-PRP-3	Wireless charging for Electric Bike
efw27	Wieser	Eric	CAI	F-CER54-4	Machine learning for a miniature robotic unicycle
kw415	Wilkinson	Kate	MUR	F-AA406-3	A smart stethoscope
bw349	Wong	Benny	CHR	B-DMH-2	Controlling a Scanning Electron Microscope by hand gestures
yw358	Wu	Yilun	T		
qx218	Xiao	Mike	T	F-MJFG-2	Multi-Language and Language Independent Speech Processing
jx242	Xu	Jing	CAI	D-IB340-11	Upscale or high-volume? Which end of the market is best for introducing construction prefabrication?
cy273	Ye	Simon	SID	D-MJD97-1	Detection of bridge deformation using laser scanning
xy269	Ye	Wendy	JE		
oy211	Yefet	Oren	CAI	D-MHR29-4	Teach Structural Design to Architects...Seriously!
shky2	Yeung	Kelvin	SID	F-OP205-2	Drone hay fever mapping: aerial image classification
cyy30	Yim	Jackie	N	D-DL359-5	Surveying and hydraulic modelling of River Cam
pz251	Zahemszky	Peter	PET		
aaaz2	Zaid	Ahmed	HO	F-GV-2	Systems biology: Operational amplifiers and switches in the cell.
rz264	Zhang	Andy	CHR	F-RET26-5	The Variational Gaussian Process
yz435	Zhang	Yuanzhe	M		
yz436	Zhuang	Yan	T	D-SKH20-1	Giken Implant Structures
pz250	Zou	Peisu	ED	C-POK21-3	Very fast physical keyboard entry