Transformative Healthcare Technologies Engagement Forum

10 & 16 September 2020

Attendee List

Daniel Abasolo, University of Surrey
d.abasolo@surrey.ac.uk
Biomedical Signal Processing, Biomedical Engineering, Non-linear Analysis, Brain, Ageing, Dementia

Qammer Abbasi, University of Glasgow
qammer.abbasi@glasgow.ac.uk
Remote healthcare technologies, terahertz sensing enabled by machine learning, wearable and implants, non-invasive sensing, 5G and beyond for connected health

Abdellatif Abdelgaied, Nottingham Trent University
a.abdelgaied@ntu.ac.uk
Total Joint Replacements, Soft Tissue, Tribology, Biomechanics, Experimental Studies, Computational Simulation

Eric Aboagye, Imperial College London
eric.aboagye@imperial.ac.uk
Cancer, Imaging, positron emission tomography, radiochemistry

Andrew Adamatzky, University of the West of England
andrew.adamatzky@uwe.ac.uk
Computer modelling, optimisation, drug design, evolutionary computation

Tim Adlam, University College London
t.adlam@ucl.ac.uk
Engineering, assistive technology, disability, movement disorders, physical support for children, mobility

Prashant Agrawal, Northumbria University
prashant.agrawal@northumbria.ac.uk
Fluids dynamics, biomimicry, multiphase flow, blood imbibition

Syed Ahmed, University of Manchester
syed.ahmed-3@manchester.ac.uk
Industrial Biotechnology, Biocatalysis, Biopharmaceuticals, Food/Beverage and gut microbiome

John Ainsworth, University of Manchester
john.ainsworth@manchester.ac.uk
Digital Health Interventions, Data Science, Systems engineering, Learning Health Systems, Mobile Health, Software Engineering, Medical device development

Otar Akanyeti, Aberystwyth University
ota1@aber.ac.uk
Wearable Tech, Artificial Intelligence, Chronic Disease Management, Stroke Rehabilitation, Bio-inspired Robotics

Zahraa Al-Ahmady, Nottingham Trent University
zahraa.al-ahmady@ntu.ac.uk
Nanomedicine, Drug Delivery, Cancer, Neurodegenerative condition, Inflammation, Blood Brain-Barrier

Bashir Al-Diri, University of Lincoln
baldiri@lincoln.ac.uk
Retinal vascular analysis, Diabatic Retinopathy, Macular Retinopathy, Glaucoma, 4D longitudinal Dataset analysis

Kazem Alemzadeh, University of Bristol
k.alemzadeh@bristol.ac.uk
Robotic and bionic engineering with particular emphasis on chewing. Renewable energy – Wind turbine

Cristina Alexandru, University of Edinburgh
cristina.alexandru@ed.ac.uk
Healthcare IT, human computer interaction, software engineering

Amin Al-Habaibeh, Nottingham Trent University
amin.al-habaibeh@ntu.ac.uk
AI, design, manufacturing, Intelligent Engineering Systems

Hanene Ali-Boucetta, University of Birmingham
h.aliboucetta@bham.ac.uk
Nanomedicine, Drug Delivery, Nanotoxicology, Cancer, 3D tumour models

Abdullah Al-Khalidi, University of Glasgow
abdullah.al-khalidi@glasgow.ac.uk
Compound semiconductors, mmWave and THz Electronics, Medical sensing/imaging, Lab on pill

John Allen, Coventry University
ad5325@coventry.ac.uk
Sensors, vascular optics, clinical measurement, photoplethysmography, microvascular, tissue viability, endothelial function.

Phil Allport, University of Birmingham
allport@cern.ch
Detectors for radiotherapy

Farshid Amirabdollahian, University of Hertfordshire
f.amirabdollahian2@herts.ac.uk
Human-Robot Interaction, Assistive Technologies, Companion Technologies, Social Human Machine Interaction

Dimitri Amiras, Imperial College Healthcare NHS Trust
dimitri.amiras@imperial.ac.uk
Radiology, MSK services, Augmented/Virtual reality in healthcare

Angelo Amoroso, Cardiff University
amorosoaj@cardiff.ac.uk
Synthetic Chemistry- Imaging Technology

Stuart Anderson, University of Edinburgh
soa@staffmail.ed.ac.uk
Social computing, dependable systems, integrated care, anticipatory regulation of ICT

Brian Andrews, University of Oxford
brianandrews55@yahoo.com
Biomedical Engineering, Control Systems, Biomechanics, Rehabilitation robotics, Biomedical instrumentation, Surgical Sciences, Cybernetics, Medical Physics, Human motion capture and analysis.

Deepa Angal-Kalinin, STFC | UKRI
deepa.angal-kalinin@stfc.ac.uk
Accelerator physics and beam exploitation for novel applications

Alejandra Aranceta Garza, University of Strathclyde
alejandra.aranceta-garza@strath.ac.uk
High density Surface electromyography, rehabilitation, movement, neurorehabilitation, muscle assessment

Maria Chiara Arno, University of Birmingham
m.c.arno@bham.ac.uk
Cell engineering, polymer chemistry, biomaterials

Mahnaz Arvaneh, University of Sheffield
m.arvaneh@sheffield.ac.uk
Brain-computer Interface, Neural Engineering, Neural signal processing, neurocomputation and its applications in monitoring and improving cognitive and physical performance,

Theodoros Arvanitis, University of Warwick
t.arvanitis@warwick.ac.uk
Biomedical engineering, neuroimaging and health informatics (clinical systems interoperability and clinical decision support systems)

Mo Atif, University of Birmingham
muhammadatif2@gmail.com
Cellular therapy, metabolism, liver, surgery

Keith Attenborough, The Open University
keith.attenborough@open.ac.uk
Acoustics and Vibration interested in promoting whole body health monitoring using audio-frequency sound and vibration

Chris Baber, University of Birmingham
c.baber@bham.ac.uk
Wearable Computers/Embedded Systems, Human-Computer Interaction, Sense-making and Data Visualization

Patrik Bachtiger, Imperial College London
p.bachtiger@imperial.ac.uk
Digital health, remote monitoring, machine learning

Ruth Baker, University of Oxford
ruth.baker@maths.ox.ac.uk
Mathematical modelling, computational statistics, machine learning, reproducible research, personalised medicine

Jeffrey Bamber, Institute of Cancer Research
jeff.bamber@icr.ac.uk
Ultrasound and optical diagnostic and therapeutic physics and engineering systems design and construction preclinical and clinical evaluation and clinical trial

Anthony Bamford, Prevention Plus
Anthony.bamford3@btinternet.com
Online user engagement by use of personal behavioural triggers. Allowing personalised medical and mental issues to be identified and addressed. Combined with Facial analysts software to assessment engagement and current health

Manohar Bance, University of Cambridge
mlb59@cam.ac.uk
Medical devices, surgery, hearing loss, cochlear implants

Carlos Alberto Chavez Barajas, University of Liverpool
cbarajas@liverpool.ac.uk
Particle Physics Detectors, Silicon Detector Technologies for Proton Therapy, Data Acquisition Systems for particle detectors, Particle Physics Application in Particle Therapy for Cancer Treatment

Payam Barnaghi, Imperial College London
p.barnaghi@imperial.ac.uk
Machine learning, Internet of Things, semantic computing, healthcare, dementia

Anna Barnard, Imperial College London
a.barnard@imperial.ac.uk
Protein-protein interactions, AMR, Chemical Biology

Mark Barnett, STFC | UKRI
Mark.Barnett@stfc.ac.uk
Research and Business Development (including commercialisation) for academic and public sector research organisations.

Giovanni Barontini, University of Birmingham
g.barontini@bham.ac.uk
Quantum technology, brain imaging

Perdita Barran, University of Manchester
perdita.barran@manchester.ac.uk
Mass Spectrometry, instrument development, proteomics, metabolomics, Parkinson's Disease Diagnostics

Nicolette Barsdorf-Liebchen, Bournemouth University
nbliebchen@bournemouth.ac.uk
Animation, Simulation, Visualisation, Modelling, Medical Imaging

David Bassett, University of Birmingham
d.c.bassett@bham.ac.uk
Biomaterials, Materials Science, Nanomaterials, Bioceramics, Tissue Engineering, Hydrogels, 3D printing.

Richard Bayford, Middlesex University
r.bayford@mdx.ac.uk
Bio imaging, sensors, implantable and nanotechnology

Paul Beales, University of Leeds
p.a.beales@leeds.ac.uk
Soft matter, biophysics, nanomedicine, (bottom-up) synthetic biology, artificial cells, membranes, vesicles, hydrogels, bionanotechnology

Robert Beardmore, University of Exeter
r.e.beardmore@exeter.ac.uk
I represent a team sitting at the interface of clinical infection microbiology, microbial data analytics / mathematical modelling, robotics (industrial and academic) and phage biology

Axel Behrens, Institute of Cancer Research
axel.behrens@icr.ac.uk
Pancreatic cancer, cancer stem cells, imaging

Steven Bell, Queen's University Belfast
s.bell@qub.ac.uk
Raman spectroscopy, spectroscopy, nanomaterials, bioanalytical, biodiagnostics

Mohammed Benaissa, University of Sheffield
m.benaissa@sheffield.ac.uk
Data-driven Diabetes Management, Healthcare Engineering, Translational Engineering

Alexandre Benedetto, Lancaster University
a.benedetto@lancaster.ac.uk
Cell biology, cell biophysics, lab-on-chip, C. elegans, microscopy, microfabrication, micropatterns, wound-healing.

Christos Bergeles, King's College London
christosbergeles@protonmail.com
Surgical micro-robotics

Jeroen Bergmann, University of Oxford
Jeroen.bergmann@eng.ox.ac.uk
Medical device regulations, Wearables, Prevention, need-driven innovation

Gonçalo Bernardes, University of Cambridge
gb453@cam.ac.uk
Chemical Biology: new technologies to probe RNA and DNA modifications in vivo

Paolo Bertoncello, Swansea University
p.bertoncello@swansea.ac.uk
Biosensors, Polymer films, Electrochemiluminescence.

Serena Best, University of Cambridge
smb51@cam.ac.uk
Biomedical implant technologies, Scaffolds, 3D printing, Stenting technologies, Regenerative membranes, 3-structured organoids and micro-tissues

Alex Blakoe, Cievert
alex.blakoe@cievert.co.uk
Digital health solutions, oncology/cancer, gastroenterology, renal/kidney, remote monitoring, virtual clinics

Emma Bland, University of Exeter
e.bland@exeter.ac.uk
Public health, partnerships, innovation in business, ehealth and wellbeing, cross-sector engagement, interdisciplinary applied research

Marina Bloj, University of Bradford
m.bloj@brad.ac.uk
Public Health. Patient and public involvement in research development, implementation and evaluation, in particular from seldom heard groups. Use of technology to support self-management and community engagement to improve health and wellbeing outcomes. Realist and mixed methods.

Ben Bloom, Barts Health NHS Trust and Queen Mary University of London
ben.bloom@nhs.net
Emergency Medicine

Gordon Blunn, University of Portsmouth
gordon.blunn@port.ac.uk
Musculoskeletal bio engineering imaging

Mahdi Bodaghi, Nottingham Trent University
mahdi.bodaghi@ntu.ac.uk
Computational Mechanics, Mechanics of Biomaterials, Biomechanics, Smart Materials and Structures, Bio-inspired Design, Additive Manufacturing, 3D and 4D Printing Technologies

Guido Bolognesi, Loughborough University
g.bolognesi@lboro.ac.uk
Soft Matter and Biophysics, Microsystems, Optics. Colloid and Interface Science, Lab-on-chip/Microfluidics, Lipid Membrane Bio-physics, Optical Microscopy.

Paola Borri, Cardiff University
borrip@cf.ac.uk
Biophysics, Optical microscopy, Bioimaging, Nonlinear optics, Microscopy technology developments (Hardware & software)

Hamid Bouchachia, Bournemouth University
abouchachia@bournemouth.ac.uk
Artificial Intelligence and Data Science and Digital Diagnosis Assistive technologies

Philip Breedon, Nottingham Trent University
philip.breedon@ntu.ac.uk
Wearable technologies, 3D/4D printing, robotics, surgical robotics, autonomous intelligent vehicles, medical & surgical devices, extended reality technologies, the surgical pathway, smart materials.

Helen Bridle, Heriot-Watt University
h.l.bridle@hw.ac.uk
Microfluidics

Lionel Broche, University of Aberdeen
l.broche@abdn.ac.uk
MRI Physics Biophysics System engineering

Adrian Brown, INSEAD
adrian.browng16@insead.edu
Digital Health

Adrian Brown, Itecho Health
adrian@itechohealth.com
Digital Health, Health Tech

James Brown, University of Lincoln
jamesbrown@lincoln.ac.uk
Medical image analysis, computer-assisted diagnosis, retinal imaging, deep learning

Sarah Bugby, Loughborough University
s.bugby@lboro.ac.uk
Nuclear medicine, gamma imaging, intraoperative imaging

Anthony Bull, Imperial College London
a.bull@imperial.ac.uk
Biomechanics, rehabilitation, trauma, medical devices

Helen Byrne, University of Oxford
helen.byrne@maths.ox.ac.uk
Development and analysis of mathematical and computational models of biomedical/ healthcare systems

Oscar Calderon Agudo, Imperial College London
oc14@ic.ac.uk
Ultrasound, Geophysics, Imaging

Praminda Caleb-Solly, University of the West of England
praminda.caleb-solly@uwe.ac.uk
Assistive Robotics, Machine Learning, Human-Robot Interaction, User-Centred Design and Evaluation

Rafael Calvo, Imperial College London
r.calvo@imperial.ac.uk
Health tech, Health psychology, Design Engineering, Motivation

Ruth Cameron, University of Cambridge
rec11@cam.ac.uk
Biomedical implant technologies, scaffolds, additive manufacturing, stenting technologies, regenerative membranes, 3D structured organoids and microtissues

Alex Casson, University of Manchester
alex.casson@manchester.ac.uk
Electrical engineering, Bioelectronic Devices, Biointerfaces, Sensors (Bioelectronics), Information and communication technologies, Digital Signal Processing, Biomedical Signal Processing, Electronic Devices and Subsystems, Mobile Computing, Internet of things, Ubiquitous Computing, Wearable computing, Wireless healthcare, System on Chip Medical and health interface, Medical Instrumentation, Devices and Equipment, Telemedicine/Telecare, Tools, technologies and methods, Medical Imaging, EEG

Dario Cazzola, University of Bath
dc547@bath.ac.uk
Biomechanics, Computational modelling, spine, rheumatology

Carl Chalmers, Liverpool John Moores University
c.chalmers@ljmu.ac.uk
Artificial Intelligence, Machine Learning, Ambient Assisted Living, Applied AI, Data Science.

Goylette Chami, University of Oxford
goylette.chami@ndph.ox.ac.uk
Epidemiology, global health, health systems, neglected tropical diseases, big data, machine learning, statistical learning, sub-Saharan Africa

David Chang, University of Glasgow
david.chang@glasgow.ac.uk
Pancreatic cancer, genomics, biomarker, prognosis, therapy response, DNA damage repair, therapeutic development

Adriane Chapman, University of Southampton
adriane.chapman@soton.ac.uk
Digital Health, records management

Michael Chappell, University of Nottingham
michael.chappell@nottingham.ac.uk
Medical Imaging, physiological modelling, image analysis

Michael Chappell, University of Warwick
m.j.chappell@warwick.ac.uk
Biomedical Engineering, Biomedical Systems Modelling, Biomechanical Modelling, Motion capture, Systems Pharmacology, Smart Systems in Medicine

Kalypso Charalambous, Imperial College London
k.charalambous@imperial.ac.uk
Bioengineering, medical devices, healthcare technologies

Xiaodong Chen, Queen Mary University of London
xiaodong.chen@qmul.ac.uk
Pulsed Electronics, Bioelectromagnetics and Microwave Engineering

Beining Chen, University of Sheffield
b.chen@sheffield.ac.uk
Drug discovery, chemical biology

Tim Chico, University of Sheffield
t.j.chico@sheffield.ac.uk
Cardiovascular Medicine

Jaya Chidambaram, University of Manchester
jaya.chidambaram@manchester.ac.uk
Ophthalmology, in vivo confocal microscopy, eye imaging, corneal infection, fungi acanthamoeba

David Childs, University of Glasgow
david.childs@glasgow.ac.uk
Optical Coherence tomography, Semiconductor lasers, superluminescent diodes, medical imaging

Catalin Chimerel, University of Exeter
c.chimerel@exeter.ac.uk
Biophysics, Molecular Sensing, Cell biology

Barbara Ciani, University of Sheffield
b.ciani@sheffield.ac.uk
Protein design, structural and molecular biology, biophysical chemistry, membrane trafficking, membrane-proteins interactions.

Pietro Cicuta, University of Cambridge
pc245@cam.ac.uk
Physics of motile cilia, infectious diseases (malaria), bacteria physiology, Live cell imaging, optical tweezers and microfluidics.

Anna Clark, Imperial College London
anna.clark5@nhs.net
Fetal Medicine, 3D ultrasound, obstetrics

John Clarkson, University of Cambridge
pjc10@eng.cam.ac.uk
Healthcare Design, Engineering Design, Systems Engineering

David Clifton, University of Oxford
david.clifton@eng.ox.ac.uk
AI for healthcare, biomedical engineering, signal processing, machine learning, digital health

Andrew Cookson, University of Bath
a.n.cookson@bath.ac.uk
Cardiovascular fluid and solid biomechanics; computational methods; scientific software development; cardiovascular device design; poroelastic mechanics; in silico imaging; pulmonary hypertension; medical image processing; dynamical systems theory.

Aaron Courtenay, Ulster University
a.courtenay@ulster.ac.uk
Advanced polymeric formulation, diagnostics, precision mucosal-fluid sampling, point-of-care diagnostics, near-point-of-care diagnostics, gingival crevicular fluid, sampling techniques, epigenetic disease monitoring, periodontal disease monitoring, ocular disease monitoring, polymeric drug delivery devices

Louise Coutts, University of Southampton
L.V.Coutts@soton.ac.uk
Biomechanics; medical imaging; machine learning; wearables; neuroscience; biomedical engineering; bayesian analysis

Monica Craciun, University of Exeter
m.f.craciun@exeter.ac.uk
Advanced materials, nanotechnology, wearable technologies, electronic textiles, flexible electronics

Rainer Cramer, University of Reading
r.k.cramer@reading.ac.uk
Biomarkers, large population screening, diagnostics, clinical microbiology, mass spectrometry, omics

Aileen Crawford, University of Sheffield
a.crawford@sheffield.ac.uk
Regenerative Medicine Technologies, biological response of articular cartilage to injury, articular cartilage regeneration, in situ tissue regeneration, osteochondral medical devices, cartilage, bone, osteoarthritis.

Sara Cuevas Ocana, University of Nottingham
Sara.CuevasOcana@nottingham.ac.uk
Gene-editing, stem cells, lung diseases, disease modelling, cutting-edge therapeutics, regenerative medicine

Helen Cullington, University of Southampton
h.cullington@soton.ac.uk
Cochlear Implants, Deafness, Hearing, Long-Term Care, Telemedicine, Patient-Centred Care

Stuart Cunningham, Manchester Metropolitan University
s.cunningham@mmu.ac.uk
HCI, usability, affective computing, sonic interaction, user testing and evaluation

Fred Currell, University of Manchester
frederick.currell@manchester.ac.uk
Radiation science, Cancer Nanotechnology, DNA/RNA radiation damage modelling, radiation chemistry

Alfred Cuschieri, University of Dundee
a.cuschieri@dundee.ac.uk
European Commission, Legislation for Unique Device Identifier (UDI), Instruments/Devices used in medical diagnosis and treatment, Reusable instruments, Laparoscopic surgery

Ravinder Dahiya, University of Glasgow
Ravinder.Dahiya@glasgow.ac.uk
Flexible/Printed Electronics, Robotics, Healthcare technologies

Francesco D'Aiuto, University College London
f.daiuto@ucl.ac.uk
Dentistry, Clinical Research, Digital Dentistry, Imaging applied to Dentistry

Matthew Dalby, University of Glasgow
matthew.dalby@glasgow.ac.uk
Cell engineering / bioengineering

Kenneth Dalgarno, Newcastle University
kenny.dalgarno@ncl.ac.uk
Biofabrication, Manufacturing processes, Medical devices, Tissue engineering

Enrico Dall'Ara, University of Sheffield
e.dallara@sheffield.ac.uk
Biomechanics, Computational Modelling, Musculoskeletal

Benjamin Davies, University of Cambridge
bd375@cam.ac.uk
Neurosurgery, Mobile Health / Digital Biomarkers, Clinical Assessments

James Dawson, Newcastle University
james.dawson@newcastle.ac.uk
Computer modelling, energy materials, batteries

Jonathan Dawson, University of Southampton
jid@soton.ac.uk
Regenerative medicine, Nanomaterials, Drug delivery, Skeletal tissues

Anna Day, Full Spektrum Innovations Limited
anna.day@fullspektrum.co.uk
Digital transformation, children's mental health, brain development, cognitive functioning, self-management of mental health.

Richard Day, University College London
r.m.day@ucl.ac.uk
Biomaterials, regenerative medicine, drug-delivery, clinical translation

Paul De Sousa, University of Edinburgh
paul.desousa@ed.ac.uk
Human pluripotent stem cells, Mesenchymal stem/stromal cells, Advanced Tissue Medicinal Product Development, Stem cell manufacturing and use in Discovery, Neurodegenerative disease

Hamid Dehghani, University of Birmingham
dehghani@cs.bham.ac.uk
Biophotonics devices for Healthcare Data analysis and sciences

Jonathan Delafield-Butt, University of Strathclyde
jonathan.delafield-butt@strath.ac.uk
Child development, serious games, smart devices, autism, neurodevelopmental disorders, psychopathology

Fani Deligianni, Glasgow University
fani.deligianni@glasgow.ac.uk
Healthcare informatics, machine learning, artificial intelligence, interpretable AI models for healthcare

Jiamei Deng, Leeds Beckett University
J.Deng@leedsbeckett.ac.uk
Artificial Intelligence, Control system design, Modelling, Optimisation, Big data

Alex Dickinson, University of Southampton
alex.dickinson@soton.ac.uk
Biomechanical engineering; prosthetics; healthcare data; global challenges

Elisavet Dimitrokali, Coventry University
ad5371@coventry.ac.uk
Healthcare co-design and public participation, user experience

Marco Domingos, University of Manchester
marco.domingos@manchester.ac.uk
Biofabrication, Biomaterials, Additive Manufacturing, Healthcare technologies

Ryan Donnelly, Queen's University Belfast
r.donnelly@qub.ac.uk
Minimally invasive patient monitoring/diagnosis, microengineering

Stephen Dore, EDI Ltd
srad1@live.co.uk
Wearables, sensors, big data, data security, cloud applications, nutrition, exercise programmes

Edward Draper, University College London
ucemerc@ucl.ac.uk
Musculoskeletal, Joint Diseases

Lee Dunham, University College London
lee.dunham@ct.catapult.org.uk
Development of cell and gene therapies and their underlying enabling technologies

Warwick Dunn, University of Birmingham
w.dunn@bham.ac.uk
Mass spectrometry, metabolism, metabolomics, human studies

Jo Durrant, Adaptix
jo.durrant@adaptiximaging.com
Adaptix aim to transform radiology by enabling low-cost, low-dose 3D imaging to be taken to the patient, dramatically improving the diagnosis and management of disease or trauma.

Simon Eaglestone, University College London
simon.eaglestone@ucl.ac.uk
Supporting Translational Research (medical devices)

Joshua Edel, Imperial College London
joshua.edel@imperial.ac.uk
Screening, diagnostics, early stage, point of care

Matthias Ehrhardt, University of Bath
m.ehrhardt@bath.ac.uk
Inverse Problems, Optimization, Image Reconstruction, Machine Learning, Uncertainty Quantification

Gloria Ejehiohen Iyawa, Sheffield Hallam University
ejehi4jesus@gmail.com
Digital Health; Software Engineering; Health Information Systems

Ikpegbu Ekeke, Michael Okpara University of Agriculture Umudike
fikpegbu@yahoo.com
Bone Molecular Biology, Fish Digestive Tract Biology

Alicia El Haj, University of Birmingham
a.elhaj@bham.ac.uk
Bioengineering, healthcare enabling technology, tissue engineering, nanotechnology

Yuval Elani, Imperial College London
yuval.elani10@imperial.ac.uk
Therapeutic delivery, microfluidics, synthetic cells, synthetic biology, in vitro models

Jackie Elliott, University of Sheffield
j.elliott@sheffield.ac.uk
Diabetes, type 1, insulin pumps, continuous glucose monitors, structured education, DAFNE, transition care, decision support tools, behaviour change

Marianne Ellis, University of Bath
M.J.Ellis@bath.ac.uk
Bioprocessing, tissue engineering, organoids, cancer, drug discovery, personalised medicine

Maggie Ellis, University of St Andrews
mpe2@st-andrews.ac.uk
Dementia, technology engagement, communication.

Heather Elphick, Sheffield Children's NHS Foundation trust
h.elphick@nhs.net
Paediatrics, sleep

Daniel Elson, Imperial College London
ds.elson@imperial.ac.uk
Surgical imaging, Biophotonics, Endoscopy, Fluorescence, Multispectral Imaging, Polarization-resolved Imaging

Khamis Essa, University of Birmingham
k.e.a.essa@bham.ac.uk
Advanced Manufacturing, Biomedical Engineering, Computational Modelling

Paul Expert, Imperial College London
paul.expert08@imperial.ac.uk
Complex Systems, Network Theory, Infectious Disease Epidemiology, Public Health, Neuroscience

Amos Fatokun, Liverpool John Moores University
A.A.Fatokun@ljmu.ac.uk
Pharmacology, drug discovery, neuroscience

Alexandros Feresidis, University of Birmingham
a.feresidis@bham.ac.uk
Microwave and Terahertz Engineering, Metamaterials, Antennas for Medical Sensors and Imaging

Paul Fergus, Liverpool John Moores University
p.fergus@ljmu.ac.uk
Artificial Intelligence, Machine Learning, Deep Learning (Convolutional Neural Networks), Health

Mark Field, Liverpool Heart and Chest Hospital
mark.field@lhch.nhs.uk
Surgery

Liz Fletcher, University of Edinburgh
Liz.Fletcher@ed.ac.uk
Synthetic biology, systems biology, cell biology, biotechnology

Mark Fletcher, University of Southampton
M.D.Fletcher@soton.ac.uk
Audiology, vibrotactile, cochlear implants, auditory and tactile psychophysics, speech in noise, sound localisation

Gordon Florence, University of St Andrews
gjf1@st-andrews.ac.uk
Synthesis, organic biopolymers, nanoparticle delivery devices,

Kristel Fobelets, Imperial College London
k.fobelets@imperial.ac.uk
Development and applications of knitted coils, Micropower energy generation devices, Nanotechnology based sensors

Elsa Fouragnan, University of Plymouth
elsa.fouragnan@plymouth.ac.uk
Ultrasound Neuromodulation - Computational Psychiatry - Multimodal Neuroimaging (EEG, fMRI) - Decision Making and Learning

Leo Freitas, Newcastle University
leo.freitas@newcastle.ac.uk
Dependable medicine, Formal verification, Organ transplant preservation, Optogenetic brain pacemaking, ICU medical policy management and application, Personalised medicine and treatment pathways

Annica Gad, University of Sheffield
a.k.gad@sheffield.ac.uk
Cancer biology, Tumour cell biology, Medical sciences, Breast cancer, Cell biology, Cancer-associated fibroblasts, Intermediate filaments, Vimentin, Cytoskeletal regulation, Cell-adhesion biology.

Lian Gan, Durham University
lian.gan@durham.ac.uk
Fluid mechanics, Pulsatile flow dynamics, Cardiovascular haemodynamics

Alba García Seco de Herrera, University of Essex
alba.garcia@essex.ac.uk
Computer Vision, Image Retrieval, Multi-modal retrieval, Multi-modal data extraction"

Asterios Gavriilidis, University College London
a.gavriilidis@ucl.ac.uk
Chemical reactor engineering, Continuous nanoparticles synthesis, Smart manufacturing, Healthcare applications of nanoparticles

Pantelis Georgiou, Imperial College London
pantelis@imperial.ac.uk
Medical devices, Lab-on-Chip, Microelectronics, Rapid Diagnostics, Infectious Diseases, Healthcare Technologies.

Abhijeet Ghadge, Cranfield University
Abhijeet.Ghadge@Cranfield.ac.uk
3D printing/Additive Manufacturing, Blockchain applications for supply chains.

Amir Ghaemmaghami, University of Nottingham
amg@nottingham.ac.uk
Bio-instructive biomaterials, Immuno-bioengineering, next generation medical devices

Sourav Ghosh, Loughborough University
S.Ghosh2@lboro.ac.uk
Biosensors

Elena Giannaccini, University of Aberdeen
Elena.Giannaccini@abdn.ac.uk
Bioinspired robotics, Biomedical engineering, Soft robotics, Novel medical implants, Healthcare technology design, Robotic sensing.

Stamatia Giannarou, Imperial College London
stamatia.giannarou@imperial.ac.uk
Computer vision, Machine learning, Medical image analysis, Surgical navigation, Robot-assisted operations

Jenny Gibson, University of Cambridge
jlg53@cam.ac.uk
Autism, neurodevelopmental conditions, language disorders, developmental psychology, tangible user interfaces, play, gaming, education, behavioural assessment

Francesca Giuntini, Liverpool John Moores University
F.Giuntini@ljmu.ac.uk
Light-triggered processes in biological environment. Photodynamic therapy. Porphyrins. Photosensitisers. Bioconjugation of photosensitisers. Reactive Oxygen Species.

Alan Godfrey, Northumbria University
alan.godfrey@northumbria.ac.uk
Biomedical and Health Informatics, Wearables, Digital Biomarkers, Sports Technology, Instrumented testing

Pola Goldberg Oppenheimer, University of Birmingham
P.GoldbergOppenheimer@bham.ac.uk
Micro and nano lithography, SERS/Raman, Lab-on-a-Chip devices, Optofluidics

Julie Gough, University of Manchester
j.gough@manchester.ac.uk
Biomaterials, tissue engineering, regenerative medicine

Penny Gowland, University of Nottingham
penny.gowland@nottingham.ac.uk
Magnetic resonance- for physiological measurement

Charlene Greenwood, Keele University
c.e.greenwood@keele.ac.uk
Bone, biomineral, X-ray diffraction, spectroscopy, osteoporosis, osteoarthritis, ectopic calcifications, hydroxyapatite

Peter Grindrod, University of Oxford
grindrod@maths.ox.ac.uk
Data science, Analytics, Early-onset cognitive decline

Crina Grosan, Brunel University London
crina.grosan@brunel.ac.uk
Machine learning, optimisation, digital health

Nir Grossman, Imperial College London
nirg@ic.ac.uk
Neuroscience, Brain stimulation, Dementia

Ruchi Gupta, University of Birmingham
r.gupta.3@bham.ac.uk
Biosensors, polymer/hydrogels, microfluidics

Chinmay Gupte, Imperial College London
c.gupte00@imperial.ac.uk
MRI Metabonomics chondral and meniscal

Ibrahim Habli, University of York
Ibrahim.Habli@york.ac.uk
Patient Safety, Machine Learning, Safety-Critical Systems Engineering, Regulations and Governance.

Nick Halper, Braingrade
nh@braingrade.io
Neuromodulation, Brain Computer Interfaces, Alzheimer's Disease, Learning and Memory, Neuroscience

Colette Hamilton, Genesyze
colette@genesyze.com
Healthcare modernisation/transformation, Health economics, Medi-economic research, Health system research, Management of international complex pan-sectoral projects, Repurposing of ideas and technologies across sectors

Karen Hampson, University of Oxford
karen.hampson@eng.ox.ac.uk
Adaptive optics biological imaging for neuroscience applications.

Liangxiu Han, Manchester Metropolitan University
l.han@mmu.ac.uk
Big data research focusing on 1) novel data analytics/machine learning/AI; 2)Intelligent architectures that facilitate big data analytics running efficiently on HPC and cloud (using parallel and distributed computing; 3)Big data applications to various domains using various large datasets s healthcare (for instance, we have track record on developing automated algorithms for disease detection (glaucoma, brain disease) based on machine learning/deep learning from large-scale images such as neuroimages, SLO etc.

Nicholas Hannan, University of Nottingham
nick.hannan@nottingham.ac.uk
Stem Cells, disease modelling

John Hardy, Lancaster University
j.g.hardy@lancaster.ac.uk
Bioelectronics, Chemistry, Materials Science, Biomaterials, Neuromodulation, Tissue Engineering, Drug Delivery, Biomedical Engineering, Pharmacy, Silk, Multiphoton Fabrication, Direct Laser Writing, Additive Manufacturing.

Dean Harris, CanSense Ltd
dean.harris@cansenseltd.com
Cancer diagnostics, Raman spectroscopy, colorectal cancer

Andy Harvey, University of Glasgow
andy.harvey@glasgow.ac.uk
Optical sensing and imaging, Retinal imaging, Oximetry, Computational imaging, Spectral imaging

Peter Harvey, University of Nottingham
peter.harvey@nottingham.ac.uk
Molecular imaging, MRI, contrast agents, lanthanides, functional imaging, blood brain barrier

Hany Hassanin, Canterbury Chris Church University
enghanisalama@yahoo.com
Additive manufacturing, design

Sabine Hauert, University of Bristol
sabine.hauert@bristol.ac.uk
Swarm engineering, Nanomedicine, Cancer, Robotics, Artificial Intelligence

Karl Hawkins, Swansea University
k.m.hawkins@swansea.ac.uk
Rheometry, tissue engineering, diagnostics, medical devices.

Jiabao He, University of Aberdeen
jiabao.he@abdn.ac.uk
Magnetic Resonance, Breast Cancer

Joao Henriques, University of Oxford
joao@robots.ox.ac.uk
Machine learning, computer science, computer vision, information engineering

Jan Herman Kuiper, Keele University
j.h.kuiper@keele.ac.uk
Biomechanics, Regenerative medicine, Mathematical modelling, Statistics, Orthopaedics

Araida Hidalgo, Manchester Metropolitan University
a.hidalgo@mmu.ac.uk
Biomaterials (Hydrogels, Decellularised, 3D Printing), Bioreactors (Perfusion, Mechanical, Electrical), Graphene for Biomedical applications, Micro-tomography, Stem cells for cardiac and orthopaedic applications.

Rainer Hinz, University of Manchester
rainer.hinz@manchester.ac.uk
Medical imaging, positron emission tomography (PET), magnetic resonance imaging (MRI)

Claire Hogg, Royal Brompton and Harefield Foundation trust
c.hogg@rbht.nhs.uk
Consultant in paediatric respiratory medicine, Clinical Director Paediatrics Royal Brompton Hospital, Clinical Lead for national Primary Ciliary Dyskinesia service, London, Professor in Practice, Paediatric Respiratory Medicine, Imperial College

David Holder, University College London
d.holder@ucl.ac.uk
Clinical Neurophysiology, Bioengineering

William Holderbaum, Manchester Metropolitan University
w.holderbaum@mmu.ac.uk
Functional Electrical Stimulation, Bone Modelling, Rehabilitation Engineering, Control Systems, Mathematical Modelling.

Moi Hoon Yap, Manchester Metropolitan University
M.Yap@mmu.ac.uk
Computer vision, Deep learning, Artificial intelligence, medical image analysis, facial image analysis

Matthew Hopkins, Imperial College London
matthew.hopkins@imperial.ac.uk
Wearable technology, Sensor fusion, Diagnosis tools, Continuous health monitoring, Affordable healthcare solutions

Ondrej Hovorka, University of Southampton
o.hovorka@soton.ac.uk
Magnetic nanoparticles, magnetic particle hyperthermia, magnetic particle imaging, therapeutic and diagnostic technologies, computational modelling, data science and machine learning

John Hunt, Nottingham Trent University
john.hunt@ntu.ac.uk
Medical Device

Robert Hunter Hammond, University of St Andrews
rjhh@st-andrews.ac.uk
AMR, Diagnostics, Laser optics, TB, CPE (CRE), Hollow fiber

Amir Hussain, Edinburgh Napier University
a.hussain@napier.ac.uk
Responsible Artificial Intelligence (AI), Privacy-preserving and interpretable Machine Learning, Deep Cognitive Neural Architectures, Real-time System-on-Chip Design, Cyber Security, Natural Language Processing, Sentiment and Opinion mining, 5G Wireless Sensing, Internet of Things, Multi-modal Hearing-Aids and Assistive Technology, Natural Human Computer Interaction, Artificial Social Companions, Cognitive Robotics, Health informatics, Personalised Medicine, Autonomous Living

Peter Huthwaite, Imperial College London
p.huthwaite@imperial.ac.uk
Ultrasound, Imaging, Tomography, Material characterisation

Faustina Hwang, University of Reading
f.hwang@reading.ac.uk
Interactive systems design, human-computer interaction, wearable sensors, technologies for dietary assessment and personalised nutrition, accessibility, ageing, real-world studies

Morten Ibsen, University of Southampton
mi@orc.soton.ac.uk
Optical fibre technology, Fibre Bragg gratings, Shape sensing, Optical imaging

Adelina Ilie, University of Bath
ai213@bath.ac.uk
Nanotechnology, biotechnology, nanomaterials, glucose monitoring

Masoud Isanejad, University of Liverpool
m.isanejad@liverpool.ac.uk
Healthy aging

Christopher James, University of Warwick
C.James@warwick.ac.uk
Biomedical engineering, biomedical signal processing, neuroscience, neurophysiology, behaviour monitoring

Faraz Janan, University of Lincoln
farazjanan@yahoo.com
Artificial Intelligence, Medical Imaging, Statistical Shape Analysis, Cancer Imaging, Breast Cancer Diagnosis, Cancer Risk, Augmented Reality, Image Visualization

Kamalan Jeevaratnam, University of Surrey
k.jeevaratnam@surrey.ac.uk
Computational algorithms for biological signal processing, clinical risk predictions

Arshad Jhumka, University of Warwick
h.a.jhumka@warwick.ac.uk
Mobile computing, Machine learning, Reliable systems, Sensor networks, IoT

Richard Jiang, Lancaster University
r.jiang2@lancaster.ac.uk
AI for healthcare

Liudi Jiang, University of Southampton
l.jiang@soton.ac.uk
Biomechatronics, Intelligent sensor systems, Digital health and data, Biomechanics

Ian Johnston, University of Hertfordshire
i.d.johnston@herts.ac.uk
Aerosol monitoring, collection analysis and identification. Microfluidic sample processing for pathogen monitoring. Systems integration for healthcare monitoring applications.

Julian Jones, Imperial College London
julian.r.jones@imperial.ac.uk
Biomaterials, Regenerative Medicine, Additive Manufacturing

Trevor Jones, TFJ Consulting.com
DrTrevorJones@virginmedia.com
We have many years of experience in the design of ducts to transport particle-bearing liquids. Recently we have studied the application of a two-lobe swirl-inducing duct to the flow of blood. We propose collaborative research into vascular stents and stent grafts using our novel design of lobed, swirl-inducing geometry. (bloodflow, solid-liquid pipeflow, swirl-inducing ducts)

David Juggins, Hugo Technology Ltd
davidjuggins@icloud.com
I have worked in medical devices for over 30 years, where I have worked in Healthcare, Industry and within the PFI arena. Currently I am working in partnership with UoB and the MD-TECH sections where we are working closely in the following technologies - Remote monitoring, Neurology, 3D imaging, Ventilation, Anaesthesia

Bernhard Kainz, Imperial College London
bkainz@imperial.ac.uk
Medical image analysis, machine learning, interactive vision

Marcus Kaiser, Newcastle University
m.kaiser@ieee.org
Neuroinformatics, Artificial Intelligence, Mental Health, in silico medicine, brain stimulation, focused ultrasound, brain connectivity (connectomics)

Girish Kale, University of Leeds
g.m.kale@leeds.ac.uk
Biosensors, nanomaterials, electrochemical technologies, ceramics

Panagiotis Kassanos, Imperial College London
p.kassanos@imperial.ac.uk
Microelectronics, biosensors, wearable electronics, flexible electronics, stretchable electronics

Asimina Kazakidi, University of Strathclyde
asimina.kazakidi@strath.ac.uk
Biofluids, computational fluid dynamics, haemodynamics, cardiovascular mechanics

Oksana Kehoe, Keele University
o.kehoe@keele.ac.uk
Immunology, extracellular vesicles, mesenchymal stem cells, regulatory T cells, immunomodulation, bioreactor for large scale production of extracellular vesicles

Alan Kennedy, Redwood Technologies Group Ltd
amk@redwoodtech.com
We are a supplier of cloud integrated communications, across multi sectors in UK and with global reach.
Expertise in delivering new care models through a combination of our technical engineering expertise and in partnership with health and care stakeholders. Developed the NHS's first Patient Relationship Manager service covering the entirety of London. Using common and more advanced communication technologies has enabled London to deliver personalised care and advice for callers with an urgent care need. More recently we have begun to deploy our AI enabled services using natural language processing to extend the service reach into more disadvantaged communities.

Jemma Kerns, Lancaster University
j.kerns@lancaster.ac.uk
Diagnostic technologies: pre-symptomatic and treatment monitoring, Translational research, Bone health, Raman spectroscopy as a non-invasive technique

Andy Kerr, University of Strathclyde
a.kerr@strath.ac.uk
Rehabilitation, technology, neurological conditions, (e.g. stroke), physiotherapy

Maïwenn Kersaudy-Kerhoas, Heriot-Watt University
m.kersaudy-kerhoas@hw.ac.uk
Microfluidics - Circulating DNA

Ashkan Keyoumars, King's College Hospital NHS Foundation Trust
k.ashkan@nhs.net
Professor of Neurosurgery, Consultant Neurosurgeon, Clinical Lead for Neuro-Oncology and Functional Neurosurgery, Chair Tumour Working Group for South East London and Kent, The Brain Tumour Charity BRIAN Clinical Champion and Clinical Ambassador, Macmillan Cancer Patient Experience Lead, Chair King's Neuroscience Clinical Trial Unit, Deputy Chair King's Neuroscience Research Advisory Group, Neurosurgery Lead for Tessa Jowell Brain Cancer Mission's New Roads for Patients programme

Ulrich Keyser, University of Cambridge
ufk20@cam.ac.uk
Single molecule biosensing, Nanopore sensing, Biological Physics

Faisel Khan, University of Dundee
f.khan@dundee.ac.uk
Biophotonics, microcirculation, cardiovascular disease

Dong-Hyun Kim, University of Nottingham
dong-hyun.kim@nottingham.ac.uk
Metabolomics, lipidomics, LC-MS, metabolite profiling, metabolic pathway profiling, biomarker discovery, surface mass spectrometry, mass spectrometry imaging, metabolic flux analysis

Susan Kimber, University of Manchester
sue.kimber@manchester.ac.uk
Skeletal repair, stem cells, Pluripotent stem cells, cartilage

Sotiris Korossis, Loughborough University
s.korossis@lboro.ac.uk
Cardiovascular tissue engineering, biohybrid lung, biohybrid heart

Latha Krishnan, Coventry University
ab9187@coventry.ac.uk
Materials Science, polymers, fibres, textiles, composites, smart textiles/E-Textiles, conductive textiles, electroless plating of textiles, metallisation of textiles and fire-retardant materials etc.

Ilona Kubajewska, University College London
i.kubajewska@ucl.ac.uk
Nanomedicine/nanotechnology, immunology, cell & molecular biology, drug/therapy development and preclinical assessment

Ayse Kucukyilmaz, University of Nottingham
ayse.kucukyilmaz@nottingham.ac.uk
Robotics, haptics, physical human-robot collaboration, shared control, adjustable autonomy, intelligent wheelchairs, assistive technologies, robot assisted training, control strategies, human-in-the loop learning, learning from demonstration

Justice Kwabena Sarfo, University of Cape Coast, Cape Coast, Ghana
ssarfo@ucc.edu.gh
Kinetics and thermodynamics of protein/enzyme ligand/substrate interactions, Protein/ Enzyme characterization by biochemical and biophysical methods

Boris Kysela, Aston University
b.kysela@aston.ac.uk
Nanotechnologies, DNA damage responses, experimental cancer therapies, neuroregeneration

Michael Ladomery, University of the West of England
michael.ladomery@uwe.ac.uk
Molecular biology, RNA biology, Genetics, Cancer biology

Ruairi Laing, Ulster University
r.laing@ulster.ac.uk
Research Development and Management

Frank Langbein, Cardiff University
LangbeinFC@cardiff.ac.uk
Magnetic resonance imaging and spectroscopy, quantum control, machine learning, computational and geometric modelling, computer vision, image and video processing

Thomas Lanyon-Hogg, University of Oxford
thomas.lanyon-hogg@pharm.ox.ac.uk
Chemical Biology, Biochemistry, Medicinal Chemistry

Winok Lapidaire, University of Oxford
winok.lapidaire@cardiov.ox.ac.uk
Neuroscience, Cardiovascular Science, Imaging

Robert Laramee, University of Nottingham
robert.laramee@nottingham.ac.uk
Data visualization, visual analytics, information visualization, scientific visualization

Christine Le Maitre, Sheffield Hallam University
c.lemaitre@shu.ac.uk
Back Pain, Cell biology, Bio-materials, Regenerative therapies, Stem Cells, minimally invasive delivery

Michelle Lea, MLEA Consultancy
mlea79@icloud.com
Digital health and transformation, leveraging technology to enhance clinical outcomes

David Lee, Queen Mary University of London
d.a.lee@qmul.ac.uk
Mechanobiology, organ-on-a-chip, stem cell bioengineering, predictive bioengineering, ex vivo model systems

Timothy Leighton, University of Southampton
tgl@soton.ac.uk
Acoustics, Engineering, Anti-Microbial resistance, Ultrasonics, COVID-19 infection prevention, PPE, translation, wound healing

Higor Leite, Federal University of Technology Paraná
higor@utfpr.edu.br
e-healthcare and Telemedicine

Andrew Leung, City University of Hong Kong
aytleung@gmail.com
Healthcare IOT

Terence Leung, University College London
t.leung@ucl.ac.uk
Physiological monitoring, Biomedical Optics, Healthcare Mobile App development

Quan Li, University of Edinburgh
quan.li@ed.ac.uk
Electromagnetics, superconductors

Weizi Li, University of Reading
weizi.li@henley.ac.uk
Health informatics, artificial intelligence, information system and implementation science, digital health, clinical decision support system using real word health data analytics (e.g. electronic health records and remote monitoring data)

Jingpeng Li, University of Stirling
jli@cs.stir.ac.uk
Intelligent Scheduling, Portfolio Management, Cloud Computing, Multi-Objective Optimisation, Deep Machine Learning, and Medical Image Processing.

David Li, University of Strathclyde
david.li@strath.ac.uk
Embedded Systems, AI-assisted Image Processing, Imaging and Sensor Systems

Conrad Lichtenstein, Nemesis Bioscience
lichtenstein@nemesisbio.com
Bacterial Genetics/Molecular Biology/Anti-Microbial Resistance/CRISPR-Cas/Inactivation of AMR genes

Georges Limbert, University of Southampton
g.limbert@soton.ac.uk
Biomedical engineering, soft tissue mechanics and tribology, skin biophysics and ageing, mathematical and computational modelling in biophysics and material science, finite element techniques

Martin Lindley, Loughborough University
m.r.lindley@lboro.ac.uk
Biochemistry, Clinical and Translational research, Biomarkers, Non-invasive analysis, Metabolomics, Exhaled Breath Volatile Organic Compounds, Non-pharmacological interventions, Nutritional Therapies, Anti-microbial agents

Tom Ling, RAND Europe
tling@randeurope.org
Evaluating complex health interventions

Yang Liu, Loughborough University
y.liu3@lboro.ac.uk
Biomaterials and Tissue Engineering

Zilong Liu, University of Essex
zilong.liu@essex.ac.uk
Ultra-reliable and low-latency communications and mobile edge computing for healthcare systems (e.g., remote monitoring or remote surgery), signal processing for privacy management, low-power and low-complexity chip design of healthcare monitoring devices.

Yang Liu, University of Exeter
y.liu2@exeter.ac.uk
Capsule endoscopy, colonoscopy, early detection of bowel cancer, mechanical engineering, mathematical modelling, non-linear systems

Kenneth Long, Imperial College London
k.long@imperial.ac.uk
Accelerator science, instrumentation.

Guillermo Lopez Campos, Queen's University Belfast
g.lopezcampos@qub.ac.uk
Translational bioinformatics, transcriptomic analyses, exposome informatics, health informatics

Chunbo Luo, University of Exeter
c.luo@exeter.ac.uk
Wireless networking, Machine Learning

Kate Madden, Newcastle University
kate.madden@newcastle.ac.uk
Drug discovery, neuroimmunology, phenotypic drug discovery, microglia, neurodegeneration, medicinal chemistry

Jillian Madine, University of Liverpool
j.madine@liv.ac.uk
Cardiovascular disease, neurodegenerative disease, protein aggregation, biochemistry, structural biology

Frances Mair, University of Glasgow
frances.mair@glasgow.ac.uk
Digital Health, Multimorbidity, Primary Care, Chronic Disease Management, Frailty

Ali Majeed, Sheffield Teaching Hospitals
a.w.majeed@sheffield.ac.uk
Consultant Gastrointestinal Surgeon

Karl Malcolm, Queen's University Belfast
k.malcolm@qub.ac.uk
Pharmaceutical science, drug formulation, controlled release drug delivery systems, female sexual and reproductive health, HIV prevention, contraception, multipurpose prevention technologies (MPTs), drug-releasing vaginal ring technology, vaginal drug delivery, implantable polymers. New opportunities within female sexual and reproductive health, long-acting implantable device offering controlled release of Vitamin D

Julian Malins, Heriot-Watt University
j.malins@hw.ac.uk
Design, technology, smart textiles, interface design

Luigi Manfredi, University of Dundee
l.manfredi@dundee.ac.uk
Medical robotics

Vee Mapunde, NIHR Surgical MedTech Cooperative
v.mapunde@leeds.ac.uk
Developing new concepts, demonstrating proof of principle, devising research protocols for new medical technologies that are applicable across the NHS. Working collaboratively with patients and patient groups, charities, industry, clinicians and academics.
Wolfgang Maret, King's College London

Wolfgang.Maret@kcl.ac.uk
Metallobiochemistry, metallomics, redox biology, chemical biology, instrumental analytics, molecular nutrition, chemical ecology

Uriel Martinez-Hernandez, University of Bath
u.martinez@bath.ac.uk
Machine learning for activity recognition; Wearable robotics; Active tactile perception; Active tactile perception; Human-Robot Interaction; Robot tactile exploration

Alvaro Mata, University of Nottingham
a.mata@nottingham.ac.uk
Biomaterials, tissue engineering, regenerative medicine, self-assembly, biofabrication

John Matheson, STFC | UKRI
john.matheson@stfc.ac.uk
Detectors, Instrumentation, Precision assembly, Simulation, Accelerator/Beam instrumentation

Bogdan Matuszewski, University of Central Lancashire
bmatuszewski1@uclan.ac.uk
Industrial and medical computer vision; Bayesian methodology for modelling, tracking and pattern recognition, Deep learning, sensing and data analytics technologies, including wearable inertial measurement units, vision based, multispectral, thermal and motion sensors; Sensor fusion; Technologies to support self-monitoring for the cardiovascular disease risk assessment and monitoring; Development of the assisted living technologies.

Deformable models and their applications to data interpretation, registration and segmentation; Image analysis with variational and PDE methods, including: shape analysis, diffeomorphic image registration, level set segmentation incorporating prior shape and topology information; Non-rigid structure from motion and 3-dimensional data acquisition and analysis; 2D/3D face analysis.

Daniel McCluskey, University of Hertfordshire
d.mccluskey@herts.ac.uk
Biodetection, aerosols, microfluidics, bioanalysis, pathogen collection, integrated systems end-to-end detection

Jade McCune, University of Cambridge
jam211@cam.ac.uk
Chemistry, polymer, supramolecular, nanotechnology, sensing, materials.

Alison McGregor, Imperial College London
a.mcgregor@imperial.ac.uk
Digital health care delivery, Rehabilitation

Louise McKenzie, Heriot-Watt University
l.mckenzie@hw.ac.uk
Research Support

James McLaughlan, University of Leeds
j.r.mclaughlan@leeds.ac.uk
Ultrasound imaging, Ultrasound therapy, microbubbles, plasmonic nanoparticles, photothermal therapy, photoacoustic imaging, minimally invasive cancer therapy.

Hessam Mehr, University of Glasgow
hessam.mehr@glasgow.ac.uk
Automation; chemical discovery; artificial intelligence; probabilistic methods; synthetic chemistry; drug discovery

Edward Meinert, University of Plymouth
edward.meinert@paediatrics.ox.ac.uk
Digital health

Jamie Meredith, Imperial College London
j.meredith@imperial.ac.uk
Cancer technologies

Cheryl Metcalf, University of Southampton
c.d.metcalf@soton.ac.uk
Translational Research, Enterprise, Knowledge Exchange, Stakeholder engagement, Innovation

Lyudmila Mihaylova, University of Sheffield
L.S.Mihaylova@sheffield.ac.uk
Assisted living, Machine learning, Autonomous Systems, Sensor Data and Information Fusion

Ivan Minev, University of Sheffield
i.minev@sheffield.ac.uk
Bioelectronics, neural implants, electrode arrays

Paolo Missier, Newcastle University
paolo.missier@ncl.ac.uk
Data Engineering, Applied Data Science (Health care), Machine Learning, Deep Learning, wearables for health monitoring

Armaghan Moemeni, University of Nottingham
armaghan.moemeni@nottingham.ac.uk
Machine Learning, Computer Vision, Human Computer Interaction

Tom Montenegro-Johnson, University of Birmingham
t.d.johnson@bham.ac.uk
Mathematical Biology, Microfluidics, Active colloids, Soft Deformable Matter.

James Moore, Imperial College London
james.moore.jr@imperial.ac.uk
Lymphatics, Cardiovascular, Medical Devices

Karyn Morrissey, University of Exeter
k.morrissey@exeter.ac.uk
Population Health, Big Data, Statistics, Digital Technology

Ian Mudway, Imperial College London
i.mudway@imperial.ac.uk
Metallomics, Environmental Chemistry, Public Health, Air Pollution

Markus Mueller, University of Exeter
m.mueller@exeter.ac.uk
Applied mathematics, Robust and adaptive feedback control, Date-driven optimal control, Signal and data processing, Human population modelling, Indoor environment, eHealth and eWellbeing

Soumyatanu Mukherjee, University of Southampton
S.Mukherjee@soton.ac.uk
Economics, Risk Management, Supply-Chain, Operations Management, Finance

Peter Munro, University College London
p.munro@ucl.ac.uk
Biomedical optical imaging including optical coherence tomography and photoacoustic imaging

Peter Murchie, University of Aberdeen
p.murchie@abdn.ac.uk
Primary care, cancer diagnosis and survivorship, rural medicine

Chilufya Musosha, eNgoma Solutions
chilufya@e-ngoma.com
Community Wi-Fi, chatbots, village banking, public engagement, COVID response tools

Tracey Newman, University of Southampton
tan@soton.ac.uk
Hearing loss, dementia, aging, neuroimmunology, multidisciplinary brain, inflammation, cochlear implants

Qiang Ni, Lancaster University
q.ni@lancaster.ac.uk
Digital healthcare systems, statistical risk prediction models using data-driven AI and machine leaning techniques, remote digital health systems, IoT for health

Tahir Nisar, University of Southampton
t.m.nisar@soton.ac.uk
Diversity and inclusive economics, Affordable management systems

Xize Niu, University of Southampton
x.niu@soton.ac.uk
Healthcare and Environmental sensors, Monitoring

Alain Nogaret, University of Bath
A.R.Nogaret@bath.ac.uk
Solid state neurons, Bioelectronic medicine, Adaptive pacemakers, Cardiorespiratory disease, Nonlinear science, Data assimilation

Scott Notley, University of Sheffield
s.v.notley@sheffield.ac.uk
Medical Image Analysis, Machine Learning, Data Analysis, Statistical Modelling, Biomedical Engineering.

James O'Brien, Nottingham Trent University
james.o'brien@ntu.ac.uk
Design Engineering, Integration of Autonomous Robotic vehicles into facilities.

Marianna Obrist, University College London
m.obrist@ucl.ac.uk
Human-Computer Interaction, novel interaction techniques, multisensory experiences, future user interfaces

Peter Odama, World Action Fund
info@worldactionfund.org
Health, Emergency and Development projects

Dana Ofiteru, Newcastle University
dana.ofiteru@ncl.ac.uk
Biofilm, mathematical modelling

Peter Ogrodnik, Keele University
p.ogrodnik@keele.ac.uk
Medical devices design, remote monitoring, orthopaedics, remote diagnostics, translational research, medical devices regulations

Karen OHanlon, University of Edinburgh
karen.ohanlon@thedatalab.com
Data science, AI, informatics, analytics, data ethics, data architecture

Ben O'Leary, Institute of Cancer Research
olearyben@gmail.com
Cancer, Medicine, Genomics

Heather O'Mahen, University of Exeter
H.Omahen@exeter.ac.uk
Clinical Psychology, Depression, Perinatal, Mental Health, Online Treatment, Adolescence, Training, Trials, Technology and Treatment

Ahmet Omurtag, Nottingham Trent University
ahmet.omurtag@ntu.ac.uk
Biomedical Engineering, Functional Neuroimaging, EEG, fNIRS, Medical Devices

Stefano Padilla, Heriot-Watt University
s.padilla@hw.ac.uk
XR, Gamification, Research Strategy, HCI, Data Science and Visualisation

Hemant Pandit, University of Leeds
h.pandit@leeds.ac.uk
Orthopaedics, translational research, sensor technology, remote monitoring, large data sets

George Panoutsos, University of Sheffield
g.panoutsos@sheffield.ac.uk
Machine Learning, Computational Intelligence, Biomedical and Manufacturing Systems

Nicola Paoletti, Royal Holloway, University of London
nicola.paoletti@rhul.ac.uk
Formal verification, cyber-physical systems, medical devices, AI safety and security, synthesis and control

Paolo Paoletti, University of Liverpool
P.Paoletti@liverpool.ac.uk
Robotics, Biomechanics, Wearable Sensors, Machine Learning, Nano-sensing

Pauline Parker, Mersey Care NHS Foundation Trust
pauline.parker@merseycare.nhs.uk
Mental Health and dementia

Laura Parkes, University of Manchester
Laura.Parkes@manchester.ac.uk
Magnetic resonance imaging, brain imaging, brain stimulation, translational neuroscience, cerebral blood flow, blood-brain-barrier permeability

Jeremy Parr, Newcastle University and NHS Trusts
Jeremy.Parr@ncl.ac.uk
Paediatric neurodisability, Autism

Bhavik Patel, University of Brighton
b.a.patel@brighton.ac.uk
Electrochemical Biosensors, Theragnostic, Sensing platforms, Age-related Diseases, Ageing, Gastroenterology, Bladder disorders, Inflammatory bowel disorders, chronic constipation.

Sebastian Pattinson, University of Cambridge
swp29@cam.ac.uk
3D Printing, Medical Devices, Nanomaterials

Marloes Peeters, Newcastle University
marloes.peeters@newcastle.ac.uk
Sensors, biomimetics, polymer chemistry, Molecularly Imprinted Polymers, antimicrobial resistance, wearable technology.

Lucas Pereira Lopes de Souza, Aston University
souzal@aston.ac.uk
Bioactive Glasses, Biomaterials, Cell Culture, In Vivo experimentation, Cell Biology, Human Anatomy

Sam Perry, University of Southampton
s.w.perry@soton.ac.uk
Digital signal processing, Machine learning, Programming, Audiology, Vibrotactile stimulation Cochlear implants

Christopher Peters, Imperial College London
christopher.peters@imperial.ac.uk
Biomarker assessment and validation, Cancer surgery and extended indication surgery, Hyperspectral imaging for surgical margin assessment.

Chris Phillips, Imperial College London
chris.phillips@imperial.ac.uk
Biomedical Imaging, Cancer diagnosis, Digistain, nanoscale imaging, intracellular imaging, chemical nano-analysis, drug discovery mechanisms, s-SNOM

Anton Pick, Oxford University Hospitals NHS Foundation Trust
anton.pick@ouh.nhs.uk
Rehabilitation Medicine, Neurological rehabilitation, Spasticity management, Disability management, Neurological disability, Neurogenic bladder, Neurogenic bowel, Neuropathic pain

Benny Ping Lai Lo, Imperial College London
benny.lo@imperial.ac.uk
Wearable sensors, Wearable robots, Machine Learning, Biomedical Engineering

Adrian Podoleanu, University of Kent
ap11@kent.ac.uk
Optical coherence tomography

Jake Popperwell, Itecho Health
jake@itechohealth.com
Digital Health, Remote patient monitoring, Long term conditions

David Porter, University of Glasgow
david.porter@glasgow.ac.uk
Magnetic resonance imaging, MRI physics, diffusion-weighted imaging, motion correction, ultra-high-field MRI, pulse-sequence programming.

Andrew Powell, Liverpool John Moores University
A.Powell@ljmu.ac.uk
Our team is a biochemist, with specific experience in heparin/heparan sulfate carbohydrates and protein interactions/assays, and a synthetic chemist. With heart surgeon/anaesthetist input, we are early stage in developing a next generation, engineered fluorescent chemical sensor platform for quantifying heparin quantity and anticoagulant activity. (heparin, sensor, probe, synthesis, biochemist, chemist, carbohydrate, glycans, proteins, interactions)

Yolanda Prezado, Institut Curie
yolanda.prezado@curie.fr
Radiotherapy, radiobiology

Phyllis Quinn, University of Strathclyde
phyllis.quinn@strath.ac.uk
Research Manager

Ejaz Qureshi, Nottingham Trent University
ejaz.qureshi@ntu.ac.uk
Supporting academic colleagues to collaborate with industrial/clinical partners and assist with bid writing.

Romeo-Robert Racz, The Francis Crick Institute
romeo.racz@crick.ac.uk
Precision neurotechnology, in-vivo neurophysiology, nervous-system scale neuroscience, brain-machine interface, bioelectronic medicine, deep-brain stimulation, nanomaterials, ultramicroelectrodes, brain-inspired hardware, disease agnostic intra-ocular implant, cochlear implant for music and speech, peripheral nervous system modulation

Rachel Rahman, Aberystwyth University
rjr@aber.ac.uk
Behaviour change and regulation, Patient and health professional acceptability, telehealth, mixed methodology

Ruman Rahman, University of Nottingham
ruman.rahman@nottingham.ac.uk
Brain tumours, Molecular and Cellular Biology, Biomaterial-based drug delivery, Tumour metabolism

Subramanian Ramamoorthy, University of Edinburgh
s.ramamoorthy@ed.ac.uk
Robotics, machine learning

Duleeka Ranatunga, Ourotech Limited (trading as Pear Bio)
duleek@pearbio.com
Oncology, tumour microenvironment, organ-on-a-chip, computer vision

Rebecca Randell, University of Bradford
r.randell@bradford.ac.uk
Health informatics, healthcare technology, health services research, human-computer interaction

Ilija Rasovic, University of Birmingham
i.rasovic@bham.ac.uk
Fullerenes, nanomedicine, supramolecular chemistry, science communication, interdisciplinarity.

Yvonne Reinwald, Nottingham Trent University
yvonne.reinwald@ntu.ac.uk
Regenerative medicine, biomedical engineering, tissue engineering, bioreactor and stem cell research

Guogang Ren, University of Hertfordshire
g.g.ren@herts.ac.uk
Antivirals and antimicrobials and their alternatives, Antiviral & Antimicrobial nanoparticles and materials

Elizabeth Rendon-Morales, University of Sussex
er241@sussex.ac.uk
I am a senior Lecturer in Electrical and Electronics Engineering in the Department of Engineering and Design at the University of Sussex. My areas of expertise include sensors, electronics, robotics and telemetry systems; and my current research is concentrated on the design, development and testing of sensing electronic systems and medical instrumentation.

Dale Richards, Nottingham Trent University
dale.richards@ntu.ac.uk
Human Factors, Autonomous Systems

Stephen Rimmer, University of Bradford
stephen.rimmer@icloud.com
Biomaterials, smart materials, antimicrobial resistance, tissue engineering, medical devices, polymers

Mihailo Ristic, Imperial College London
m.ristic@imperial.ac.uk
Magnetic Resonance Imaging, Robotics, Mechatronics in Medicine, Computer Assisted Surgery, 3D Shape Modelling and Visualisation

Douglas Robertson, University of Glasgow
douglas.robertson.2@glasgow.ac.uk
Dentistry, dental imaging, dental surgery

Felicity Rose, University of Nottingham
felicity.rose@nottingham.ac.uk
Tissue Engineering, Biomaterials Development, Cell-Materials interactions

Andrew Rossall, University of Huddersfield
a.rossall@hud.ac.uk
Laser produced plasmas, Ion beam interactions, Medical imaging, specifically X-ray modalities, Thin films, Materials science

Susan Rosser, University of Edinburgh
susan.rosser@ed.ac.uk
Synthetic Biology, Cell engineering, biosensors

Philip Rowe, University of Strathclyde
philip.rowe@strath.ac.uk
Biomechanics, Rehabilitation, Engineering, Clinical, Physical Motion capture, visual feedback, Motor relearning

Ipsita Roy, University of Sheffield
I.Roy@sheffield.ac.uk
Biomaterials for Biomedical Applications, Natural polymers of bacterial origin which are biocompatible and bioresorbable in nature, Polymers of interest are Polyhydroxyalkanoates (PHAs), Bacterial cellulose (BC), alginate and gamma-polyglutamate, used for the development of artificial pancreas, nerve conduits, stents, bone tissue engineering, cardiac tissue engineering, drug delivery, wound healing patch etc.

Heba Sailem, University of Oxford
heba.sailem@eng.ox.ac.uk
Machine and deep learning, Cellular and tissue Imaging, Image analysis, Drug Screening, Bioinformatics, Systems Genetics

Benjamin Salem, University of Liverpool
mail@bsalem.info
Major: Industrial Design, Interaction Design, Pervasive Health Systems, Robotics. Minor: User profiling, Data Physicalisation and Rendering.

Manuel Salmeron-Sanchez, University of Glasgow
Manuel.Salmeron-Sanchez@glasgow.ac.uk
Biomaterials

Ian Sandall, University of Liverpool
ian.sandall@liverpool.ac.uk
Semiconductors, Photonics, Sensors, Bio-sensors, Nanowires

Corina Sas, Lancaster University
corina@comp.lancs.ac.uk
Mental digital health, HCI

William Sayers, University of Gloucestershire
wsayers@glos.ac.uk
Artificial Intelligence, Machine Learning, Data Science, Data Engineering, Health informatics, Engineering

Vassilis Sboros, Heriot-Watt University
V.Sboros@hw.ac.uk
Medical Imaging, Ultrasound imaging, Vascular imaging, Super-resolution imaging

Oren Scherman, University of Cambridge
oas23@cam.ac.uk
Chemistry, polymer, supramolecular, materials, sensing, nanotechnology.

Silvia Schievano, University College London
s.schievano@ucl.ac.uk
Patient specific computational simulations (FEM, CFD, FSI), congenital diseases, cardiovascular, craniofacial

Philipp Schneider, University of Southampton
p.schneider@soton.ac.uk
Biomedical imaging, Computed tomography, Biomedical engineering, 3D X-ray histology

Bob Schroeder, University College London
b.c.schroeder@ucl.ac.uk
Organic chemistry, conjugated polymers, flexible/skin-wearable electronics

Sohan Seth, University of Edinburgh
sohan.seth@ed.ac.uk
Machine learning and data science

Georgios Sgourakis, East Lancashire Hospitals Trust
georgios.sgourakis@elht.nhs.uk
General Surgery, Hepato-Pancreatic-Biliary Surgery, Surgical Training

Francesco Shankar, University of Southampton
F.Shankar@soton.ac.uk
Astronomy, Monte Carlo tests, analytic modelling.

Kim Shapiro, University of Birmingham
k.l.shapiro@bham.ac.uk
Cognitive neuroscience, cognitive training and remediation, cognitive decline, abnormal ageing, Alzheimer's disease, dementia, transcranial electrical stimulation, electroencephalography, short term memory, long term memory, working memory, attention

Sanjiv Sharma, Swansea University
sanjiv.sharma@swansea.ac.uk
Microneedle technology, Theranostics, Transdermal drug delivery, Continuous monitoring technologies

David Sharp, Imperial College London
david.sharp@imperial.ac.uk
Neurology, dementia, neuroscience, neuroimaging, remote monitoring

Joe Shearring, University of Nottingham
joe.shearring@nottingham.ac.uk
Research Support

Karin Shmueli, University College London
k.shmueli@ucl.ac.uk
Magnetic Resonance Imaging, MRI, Medical Imaging, Diagnosis, Optimising Treatment

Salman Siddiqui, University of Leicester
ss338@le.ac.uk
Lead/chief investigator of an MRC/EPSRC molecular pathology node in breath biomarkers - EMBER, Trial design in silicons trials, diagnostics for early disease

Sudip Sikdar, Mersey Care NHS Foundation Trust
sudip.sikdar@merseycare.nhs.uk
Old Age Psychiatry

David Simpson, University of Southampton
ds@isvr.soton.ac.uk
Biomedical Engineering, Biomedical Signal Processing, Neuroscience, Hearing, Cardiovascular control

Dominic Sims, University of Nottingham
Dominic.Sims@nottingham.ac.uk
Project Management, Quantum Technology, Business Development

Raphael Sivera, Imperial College London
r.sivera@imperial.ac.uk
Image registration, Deformation-based model, Statistical shape analysis, Neuromorphology, Prenatal facial recognition

Paul Skipp, University of Southampton
pjss@soton.ac.uk
Precision Medicine, Diagnostics/Prognostics, Proteomics, Multi-omics, Artificial Intelligence

Peter Smith, University of Southampton
p.j.smith@soton.ac.uk
Director of the University's Institute for Life Sciences. Academic expertise in cellular applications of electrochemistry and imaging development. Wide experience in different areas of health and disease but with particular applications in neurosciences and transport pathways - epithelial biology and reproductive health. As Director of the IfLS I champion the musculoskeletal initiative called FortisNet, a meeting of minds from clinical, through research, to enterprise, with participation from the public and stakeholders - MOD, charities and local government. Non-Executive Director (Science) on the Board of the Rosalind Franklin Institute.

Keywords: interdisciplinary, musculoskeletal, neuroscience, transport biology, electrochemistry, imaging, collaborative network development

Manuch Soleimani, University of Bath
m.soleimani@bath.ac.uk
Medical Imaging, Electrical Impedance Tomography, Inverse Problems

Daniele Soria, University of Kent
d.soria@kent.ac.uk
Machine Learning, Data Mining, Medical Decision-Making Support Tools, Features Selection, Modelling Medical Reasoning, Computational Intelligence.

Iwona Spill, University of Birmingham
i.spill@bham.ac.uk
Research development

Corinne Squire, Cardiff University
SquireCM@cardiff.ac.uk
Precision Medicine, Translation, Diagnostics, Data Integration, AI

Paul Stallard, University of Bath
p.stallard@bath.ac.uk
Child and Adolescent mental health, prevention

Bob Stevens, Nottingham Trent University
bob.stevens@ntu.ac.uk
Digitally connect additive layer fabrication of nanofibrous tissue scaffolds for 3D cell-based tissue assays and acellular and celluarised regenerative tissue implants.

Theodora Stewart, King's College London
theodora.stewart@kcl.ac.uk
Metallomics, bioimaging, elemental analysis, multimodal imaging

Snow Stolnik, University of Nottingham
snow.stolnik@nottingham.ac.uk
Advanced drug delivery systems, nanoparticles, overcoming biological barriers to drug delivery

James Stone, University of Bath
j.m.stone@bath.ac.uk
Optical fibres for medical use

Nick Stone, University of Exeter
n.stone@exeter.ac.uk
Biomedical Spectroscopy, Medical Physics, Machine Learning, Cancer
Sam Stranks, University of Cambridge
sds65@cam.ac.uk
Developing emerging semiconductor and scintillator materials, emerging photovoltaic and LED technologies, device fabrication and characterisation.

Iain Styles, University of Birmingham
I.B.Styles@bham.ac.uk
Image Analysis, Machine Learning, Topological Data Analysis, Mass Spectrometry, Membrane Proteins

Lei Su, Queen Mary University of London
l.su@qmul.ac.uk
Optical imaging, Endoscopy, Optical Sensing Diagnostics, Artificial Intelligence

Gemma Louise Sutherland, CLODOC Ltd
gemmalouisesutherland@gmail.com
Clodoc Ltd is a UK-based SME focusing on using digitech and artificial intelligence for improved healthcare service delivery. We are motivated to design technology and systems

that help to make healthcare more democratic, affordable and inclusive in the UK and abroad.

Mark Sutton, Public Health England
mark.sutton@phe.gov.uk
Antimicrobial development and evaluation, Rapid diagnosis and antimicrobial susceptibility testing, Translational research.

Emily Swindle, University of Southampton
E.j.swindle@soton.ac.uk
In vitro models of the airway, epithelial cell biology, mast cell biology, epithelial barrier function

Axel Sylvan, myrecovery.ai
axel@myrecovery.ai
Apps, mobile apps, patient engagement, orthopaedics, analytics, outcomes

Alethea Tabor, University College London
a.b.tabor@ucl.ac.uk
Self-assembling nanoparticles, peptides, cancer cell targeting, optical and photoacoustic imaging, semiconducting polymer nanoparticles

Ilias Tachtsidis, University College London
i.tachtsidis@ucl.ac.uk
Biomedical Engineering, Medical Physics, Biomedical Optics, Brain Injury, Neonatal Brain Injury

Zoltan Takats, Imperial College London
z.takats@imperial.ac.uk
Analytical chemistry, mass spectrometry, medical device development, metabolomics, systems medicine

Zhengchu Tan, Imperial College London
zhengchu.tan11@imperial.ac.uk
Engineering, Hydrogels, Material Characterisation, Tissue Mimics

Mengxing Tang, Imperial College London
mengxing.tang@ic.ac.uk
Biomedical Imaging, Ultrasound

Stephen Taylor, University of Oxford
stephen.taylor@imm.ox.ac.uk
Medical Imaging, Virtual Reality, Augmented Reality, Genomics, Surgical Innovation, Visualisation, Bioinformatics

Ben Temperton, University of Exeter
b.temperton@exeter.ac.uk
Phage therapy

Maya Thanou, King's College London
maya.thanou@kcl.ac.uk
Healthcare Technology/Diagnosis/Therapy/Targeted Drug delivery/Drug Device combinations

Cathy Thornton, Swansea University
c.a.thornton@swansea.ac.uk
Pregnancy, immunology, application/development of novel diagnostics for perinatal testing

Alan Thursfield, Queen's University Belfast
a.thursfield@qub.ac.uk
Research Support, Facilitation, Strategic Development

GuiYun Tian, Newcastle University
g.y.tian@ncl.ac.uk
Sensors Technologies, Non-destructive test and evaluation (NDT&E), Non-invasive diagnostics, (structural) health monitoring (SHM), Internet of Things (IOTs), RFID sensors

George Tofaris, University of Oxford
george.tofaris@ndcn.ox.ac.uk
Clinical management of Parkinson's disease and related neurodegenerative diseases
Exosomes as predictive biomarkers of brain pathology, Cellular and Molecular Biology

Anastasia Topalidou, University of Central Lancashire
atopalidou@uclan.ac.uk
Thermal imaging, biomechanics, pregnancy, childbirth

Paul Travers, University of Edinburgh
Paul.travers@ed.ac.uk
Immunology, Immune reconstitution, regenerative medicine

Zion Tse, University of York
zion.tse@york.ac.uk
Medical Robotics, Surgical Robotics, Computer Aided Surgery, Image-guided Therapy, Healthcare Engineering, Mobile Health, Internet of Things

Sophia Tsoka, King's College London
sophia.tsoka@kcl.ac.uk
Bioinformatics and Systems Biology

Andrew Turberfield, University of Oxford
andrew.turberfield@physics.ox.ac.uk
Biophysics, molecular robotics, biomolecular self-assembly

Konstantinos Tzelepis, University of Cambridge
kt404@cam.ac.uk
CRISPR screens, Cancer, Epigenetics and Epitranscriptomics

Mathew Upton, University of Plymouth
mathew.upton@plymouth.ac.uk
Medical microbiology, antibiotic discovery, natural products, microbial genomics, therapeutic discovery and development

Saumil Vadodaria, University of Birmingham
s.vadodaria@bham.ac.uk
Formulations, soft matter, polymers, colloids, nanomaterials, 3D printing.

Pietro Valdastri, University of Leeds
p.valdastri@leeds.ac.uk
Surgical robotics, robotic endoscopy

Roy Vellaisamy, University of Glasgow
Roy.Vellaisamy@glasgow.ac.uk
Point of care clinical diagnostic tools, Cancer biomarker detection and data analysis, microRNA detection and analysis, viral RNA identification.

Dmitry Veprintsev, University of Nottingham
dmitry.veprintsev@nottingham.ac.uk
Pharmacology, drug discovery

Federico Villagra Povina, Aberystwyth University
fev1@aber.ac.uk
Neuroscience/Stroke Rehabilitation

Mauricio Villarroel, University of Oxford
mauricio.villarroel@eng.ox.ac.uk
Machine learning, Image processing, Signal processing, Wearable for Digital Health, Non-contact physiological monitoring

Frank Vollmer, University of Exeter
f.vollmer@exeter.ac.uk
Biosensing, Nano and Quantum Biosensing, Single Molecule Laboratories on Chip, Molecular Mechanics

Nickolai Vysokov, BrainPatch
nickolai@brainpatch.ai
A team of scientists developing breakthrough solutions for brain-computer interfaces.

Simon Walker-Samuel, University College London
simon.walkersamuel@ucl.ac.uk
Biophysics & imaging

Ivan Wall, Aston University
i.wall@ucl.ac.uk
Cell and gene therapy bioprocessing, Regenerative medicine, exosomes/extracellular vesicle therapeutics, Microfluidics, Biosensors, Immersive technology"

Jiangtao Wang, Coventry University
jiangtao.wang@coventry.ac.uk
Intelligent healthcare, AI, digital health

Tony Ward, University of the West of England
tony.ward@uwe.ac.uk
Neurological rehabilitation

Michael Warner, Imperial College London
m.warner@imperial.ac.uk
Neuroimaging, brain, medical imaging, ultrasound, stroke

Edward Wasige, University of Glasgow
edward.wasige@glasgow.ac.uk
Terahertz sources, terahertz detectors, terahertz systems

Sarah Waters, University of Oxford
waters@maths.ox.ac.uk
Mathematical modelling in biology and medicine

Alexander Webb, Imperial College London
alexander.webb1@imperial.ac.uk
Microbiology, synthetic biology, biosensors, global health, schistosomiasis

Kevin Webb, University of Nottingham
kevin.webb@nottingham.ac.uk
Imaging, microscopy, biosensing, electrophysiology

Yang Wei, Nottingham Trent University
yang.wei@ntu.ac.uk
Wearable medical devices, digital healthcare technologies,

Peter Weightman, University of Liverpool
peterw@liverpool.ac.uk
Development of scientific instruments, diagnosis of cancer and the study of cancer metastasis, machine learning and the development of algorithms.

Ingeborg Welters, University of Liverpool
I.Welters@liverpool.ac.uk
Intensive Care, Infection, vital signs monitoring, triage, arrhythmias

Jonathan West, Royal College of Art Helen Hamlyn Centre for Design
jonathan.west@rca.ac.uk
User Centred Design, Inclusive Design, Medical Technology

Neil White, University of Southampton
nmw@ecs.soton.ac.uk
Sensor technologies and healthcare.

Kimberley Whitehead, University College London
k.whitehead@ucl.ac.uk
EEG, sleep, neonate, fetus, neurology, neurophysiology, somatosensory, motor, sensory, brain injury

Alan Whiteside, NHS Highland
alan.whiteside1@nhs.net
Healthcare cluster development, smart specialisation, rural health, health and the environment, smart water, smart energy

Colin Whyte, University of Strathclyde
colin.whyte@strath.ac.uk
High power RF sources, Vacuum technologies, Charged particle beams, Accelerator science

Fridolin Wild, The Open University
f.wild@open.ac.uk
Digital Healthcare, Performance Augmentation, Augmented Reality, Immersive Technologies, Wearable Computing

Michael Wilde, University of Leicester
mjw77@le.ac.uk
Analytical technologies, non-invasive diagnostics

Richard Williams, University of Birmingham
r.l.williams.2@bham.ac.uk
Healthcare product development, Drug/medical device regulation, GMP manufacturing, Biomaterials, translational R&D/product development programme management

Genevieve Williams, University of Exeter
g.k.r.williams@exeter.ac.uk
Biomechanics, Nonlinear dynamics

Rachel Williams, University of Liverpool
rlw@liverpool.ac.uk
Biomaterials, medical devices, ophthalmology, tissue engineering and regenerative medicine, cost effective technologies for developing world

Beata Wojciak-Stothard, Imperial College London
b.wojciak-stothard@imperial.ac.uk
Vascular, pulmonary hypertension, endothelial function, organ-on-a-chip, miRNA, Ras GTPases

Fiachra Woodman, BrightSpark/The Brain Tumour Charity
fiachra.woodman@thebraintumourcharity.org
Technology in healthcare, Patient Advocacy, Social science, Patients, Users

Frank Worcester, Nottingham Trent University
frank.worcester@ntu.ac.uk
Medical, Design, Engineering.

Karina Wright, Keele University/RJAH Orthopaedic Hospital
karina.wright1@nhs.net
MSK and spinal cord injuries, Osteoarthritis, Cell-based therapy development and clinical trials, Gel delivery systems, Prognostic modelling, Biomarker discovery and validation.

Shane Xie, University of Leeds
s.q.xie@leeds.ac.uk
Healthcare Robotics, Wearable Devices, Human Robot Interaction, Exoskeletons

Shengxiang Yang, De Montfort University
syang@dmu.ac.uk
Artificial Intelligence (including Evolutionary Computation, Artificial Neural Networks, Machine Learning, etc.), Optimisation, Scheduling, Data Analysis, and relevant real-world applications.

Ying Yang, Keele University
y.yang@keele.ac.uk
Human tissue models for new drug screening and assessment; new biotechnology, preliminary experience in network pharmacology

Xujiong Ye, University of Lincoln
xye@lincoln.ac.uk
Professor of Medical Imaging & Computer Vision, Strong knowledge/expertise and over 20 years' research and development experience in Computer Vision, AI and Medical Imaging. 10 years of industry R&D experience at a private sector, led advanced research and development, coordinated with cross-functional business teams in regulatory, clinical, and commercial to translate technologies into industrial solutions.

Huabing Yin, University of Glasgow
huabing.yin@glasgow.ac.uk
Raman activated cell sorting, Single-cell analysis, microfluidics, Rapid diagnosis, Cell mechanics, organ-on-a-chip

Nada Yousif, University of Hertfordshire
n.yousif@herts.ac.uk
Neuromodulation, Computational modelling, Electrophysiology, Motor control.

Xicai (Alex) Yue, University of the West of England
alex.yue@uwe.ac.uk
Biomedical instrumentation, Low-power mixed-signal IC design for physiological measurements

Daniel Yurchenko, Heriot-Watt University
d.yurchenko@hw.ac.uk
Energy Harvesting, Sensors and Autonomous systems for biomedical and healthcare applications. We have a multidisciplinary team of researchers (ENGINEERS, Biophysicists CLINICIANS, and industry partners) who will collaborate to realise this radical new technology.

Amelle Zair, King's College London,
amelle.zair@kcl.ac.uk
Femtosecond Laser technology, strong laser field-matter interaction

Qianni Zhang, Queen Mary University of London
qianni.zhang@qmul.ac.uk
Artificial intelligence, machine learning, augmented reality, computer vision for biomedical image analysis and healthcare applications

Dingguo Zhang, University of Bath
d.zhang@bath.ac.uk
Rehabilitation and Assistive Robotics, Human-Machine Interfaces, Brain-Computer Interfaces

Yonghao Zhang, University of Edinburgh
y.h.zhang168@gmail.com
Multiscale modelling, fluid dynamics, microfluidics, high performance computing

Dongda Zhang, University of Manchester
dongda.zhang@manchester.ac.uk
Bioprocess systems engineering, Machine learning and data analytics, Process digitalisation, Bioreactor design and scale-up, Real-time optimisation and control, Mathematical modelling.

Qingyuan Zhao, University of Cambridge
qyzhao@statslab.cam.ac.uk
Statistics, Causal Inference

Dingchang Zheng, Coventry University
dingchang.zheng@coventry.ac.uk
Cardiac health monitoring, Cardiac modelling, Healthcare technology assessment, Physiological measurement, Physiological signal processing, Wearable sensor, Wireless sensing.

Huiru Zheng, Ulster University
h.zheng@ulster.ac.uk
Gait Analysis, Machine Learning, Integrative Data Analytics, wearable technology, care robotics system, bioinformatics, healthcare informatics

Fenglei Zhou, University College London
fenglei.zhou@ucl.ac.uk
Electrohydrodynamic processing, polymer materials

Steffen Zschaler, King's College London
szschaler@acm.org
Model-driven engineering, domain-specific modelling languages, agent-based simulation in health care

Zowmiya, Educational training and medical research organization
athavantrust@gmail.com
Tamil Nadu state... India