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Sociology Seminar

5 February 2018 Lecture theatre, Manor Road Building, 1pm

There will be a sandwich lunch in the common room at 12.30

All very welcome

Edmund Chattoe-Brown, University of Leicester

"The Third Way Version 2.0? How Agent Based Modelling Can Transform Our Understanding of Social Behaviour."

Abstract: The tension between qualitative and quantitative research and the associated criticisms of these approaches are well known across the social sciences. This talk proposes that there is a third distinctive way to understand social behaviour and that, like the existing ways, what makes it distinctive is the logic of its methodology. This "third way", known as Agent-Based Modelling (hereafter ABM), is becoming increasingly well known as a technical tool but is far less well understood methodologically (even by many of its practitioners). The talk shows how, by misunderstanding the logic of its methodology, practitioners run the risk of eliminating its distinctive contribution and rendering it a less satisfactory version of existing approaches (which are themselves recognisably flawed). It also draws on diverse examples of ABM, both to show the current "state of the art" and to propose a detailed vision for social science based on the "third way" (which includes a discussion of currently open challenges in the field).



My intellectual career dates from the moment in an economics tutorial when I wondered what would happen if half the people in the UK made decisions based on rational choice and half using adaptive learning. I had seen no sign, in my undergraduate degree, of tools that could handle such questions. By serendipity, I was interested in Artificial Intelligence and this introduced me to the idea that you could understand complex behaviours (like vision and speech generation) more effectively by building computer models of them. Gradually (and with many false starts) I managed to "pin down" this idea so it was workable in a social science context, discover a specialised community of scholars who were already interested in this approach and find a permanent job that allowed me to pursue my interest. I have been doing that in diverse ways ever since. My enthusiasm for rigorous research methods and my heterodox preoccupations have exposed me to the merits of diverse academic disciplines while protecting me from being socialised

into the preconceptions of any one. My vision is now that ABM should become a specialised but accepted research method across the social sciences (like Social Network Analysis for example) and my experience is that many of the divisions between these fields are needlessly artificial. The differences between what is needed to build a credible ABM in archaeology and criminology are, in my opinion, far more interesting. The most economical summary of my research interests is provided by my academia.edu page, which can be found at https://leicester.academia.edu/EdmundChattoeBrown.

Nuffield College Sociology Seminar

Clay Room, Nuffield College at 5.00pm

Wednesday 31st January

Residential Mobility and Tenure Changes Among Separated Individuals: A Cross-Country Comparison

Professor Hill Kulu University of St Andrews

Abstract: This study investigates residential mobility and housing tenure changes among separated and divorced individuals in five countries (Australia, Belgium, Germany, the Netherlands, and the UK) with similar levels of economic development, but different welfare provisions and housing markets. While there are a number of studies examining tenure changes related to separation in selected individual countries, only very few have compared patterns across countries. Using longitudinal data and applying Poisson regression models, we study the risk of a residential move and tenure change of separated men and women in comparison with cohabiting and married individuals. We distinguish between moves due to separation and moves of separated individuals. We expect to observe high residential mobility levels among separated men and women; mobility rates are expected to be the highest shortly after separation; they decrease gradually as time since separation increases. Separated individuals are expected to move from homeownership to privately owned dwellings; social housing may also be an important destination in some countries. We expect divorced individuals in countries with flexible housing markets to return to homeownership soon after separation, whereas those in constrained housing context will experience a period of prolonged residential instability with many tenure changes.

Keywords: divorce, separation, housing tenure, residential mobility, Poisson regression, cross-national comparison

Oxford Martin Hilary Term Lecture Series – Health: fresh perspectives

Thanks to advancements in technology, industry, agriculture and public health, we are living longer and more prosperous lives than ever before, but there is still room for innovation and improvement. This lecture series will look at our health and ask: how can open science approaches in the pharmaceutical world promote drug innovation? How dangerous is Antibiotic resistance and what can be done? Is Al helping or hindering our health? What are the implications of an increasing and ageing population? How does the

"The power of recombination to create innovation" with Professor Andreas Wagner, Professor and Chair in the Department of Evolutionary Biology and Environmental Studies at the University of Zurich

Friday 2 February, 14.30 – 15.30, Lecture Theatre, Oxford Martin School, Corner of Catte and Holywell Streets

To register and more information: https://www.oxfordmartin.ox.ac.uk/event/2515

"Innovating food systems to respond to rapid global changes" with Professor Shenggen Fan, Director General of the International Food Policy Research Institute (IFPRI) Wednesday 7 February, 17.00 – 18.15, Lecture Theatre, Oxford Martin School, Corner of Catte and Holywell Streets

To register and more information: https://www.oxfordmartin.ox.ac.uk/event/2529

To watch the live webcast: https://www.youtube.com/watch?v=STyc82kmTC8

"The black hole of finance: creation and destruction in life, the economy, and the universe" with Professor Seth Lloyd, Oxford Martin Visiting Fellow and Nam P. Suh Professor of Mechanical Engineering and Professor of Physics at Massachusetts Institute of Technology (MIT) Wednesday 28 February, 17.00 – 18.15, Lecture Theatre, Oxford Martin School, Corner of Catte and Holywell Streets

To register and more information: https://www.oxfordmartin.ox.ac.uk/event/2528

Oxford Martin Hilary Term Lecture Series – Health: fresh perspectives

Thanks to advancements in technology, industry, agriculture and public health, we are living longer and more prosperous lives than ever before, but there is still room for innovation and improvement. This lecture series will look at our health and ask: how can open science approaches in the pharmaceutical world promote drug innovation? How dangerous is Antibiotic resistance and what can be done? Is AI helping or hindering our health? What are the implications of an increasing and ageing population? How does the planet's health affect our health?

https://www.oxfordmartin.ox.ac.uk/event/2520

• "Transforming drug discovery – the pathway to innovation" with Professor Chas Bountra, Co-Director of the Oxford Martin Programme on Affordable Medicines Thursday 1 February, 17.00 – 18.00, Lecture theatre, Oxford Martin School

To register: https://www.oxfordmartin.ox.ac.uk/event/2522

To watch live: https://www.youtube.com/watch?v=adMliO3OGtE

• "Prospects for new tools to control malaria" with Professor Kevin Marsh, Department of Tropical Medicine, University of Oxford

Thursday 8 February, 17.00 – 18.00, Lecture theatre, Oxford Martin School

To register: https://www.oxfordmartin.ox.ac.uk/event/2523

 "Antibiotics: to regulate or not?" with Professor Steven Hoffman, Director of the Global Strategy Lab and Professor Julian Savulescu, Co-Director of the Oxford Martin Programme on Collective Responsibility for Infectious Disease

Wednesday 14 February, 17.00 – 18.00, Lecture theatre, Oxford Martin School

To register: https://www.oxfordmartin.ox.ac.uk/event/2524

To watch live online: https://www.youtube.com/watch?v=liUQc8jcAzs

• "The growing and ageing population: Implications and solutions" with Professor Sarah Harper, Director of the Oxford Institute of Population Ageing

Thursday 15 February, 17.00 – 18.00, Lecture theatre, Oxford Martin School

To register: https://www.oxfordmartin.ox.ac.uk/event/2525

To watch live online: https://www.youtube.com/watch?v=uJIPOqHcFKI

• "Planetary health: is human health at risk in the Anthropocene?" with Sir Andrew Haines, Professor of Public Health and Primary Care at the London School of Hygiene & Tropical Medicine (LSHTM)

Thursday 8 March, 17.00 – 18.00, Lecture theatre, Oxford Martin School

To register: https://www.oxfordmartin.ox.ac.uk/event/2526

To watch live online: https://www.youtube.com/watch?v=prAwHCtl0YE

The third seminar in the Formal Seminar Series on "Population Ageing in countries that have experienced war, revolution and economic transition" this Thursday 1 February is a talk by Dr Jieyu Liu from the SOAS China Institute, University of London, who will be speaking about "Ageing in Rural China: Migration and Care Circulation". We are convening in the <u>Institute of Population Ageing</u>, 66 Banbury Road, OX2 6PR, in the Seminar Room at 2pm.

Dr Jieyu Liu is Reader in Sociology and China Studies and Deputy Director at the SOAS China Institute. Her research interests include gender, sexuality, family and generation in China. She is the author of Gender and Work in Urban China: Women Workers of the Unlucky Generation and Gender Sexuality and Power in Chinese Companies: Beauties at Work. In 2015, she was awarded a five-year European Research Council grant to examine changing family relations in China, Hong Kong and Taiwan.

Abstract

This paper applies the concept of care circulation to the processes involved in the care of old people in rural China, an area which has hitherto been predominantly located in a quantitatively based intergenerational transfer framework. Drawing upon a qualitative study of rural families in the context of rural to urban migration, this article examines the multidirectional and asymmetrical exchanges of caregiving and care-receiving and seeks to provide a more nuanced understanding of the impact of migration upon ageing and familial care in rural China. First, going beyond a unidirectional flow or two-way transfer, this article reveals that care circulates between different family members, in different locations, to differing degrees, over the life course. This circulation framework enables an examination of intragenerational dynamics as well as intergenerational relations. Second, this article draws attention to the mediating factors that impact upon the ways in which adult children care for the older generation. It reveals how the employment status of migrating adult children, the temporal dimension of migration and family life cycle of migrating children as well as family relations between the older generation and adult child generation are critical factors. These factors also contribute to the quality of care provided. Finally, while confirming existing scholarship that gender is an important dimension in structuring old age support in rural China, this article calls for a more differentiated approach among generations of women and between regions, revealing the ways in which local migration history interacts with intergenerational dynamics to determine the cohort of women that endure the greatest burden of care.

Here is the DOI link to the actual paper: <u>10.1186/s40711-016-0030-5</u>

Information about the seminar series can be found here: https://www.ageing.ox.ac.uk/events/view/341
The series is posted on talks.ox.ac.uk in a collection "Seminars at the Institute of Population Ageing" https://talks.ox.ac.uk/user/lists/id/2bd382fc-7bb4-4b90-acea-68181f8a8c6b/

All are welcome, no need to register to attend.
Join us for coffee and cake afterwards.

For queries please contact: administrator@ageing.ox.ac.uk

For more information please see: www.ageing.ox.ac.uk or follow us on Facebook and Twitter.

Innovation and the Global Economy, how cutting edge research and technology is changing the MacroEconomic Landscape & Introduction to the world of hedge funds and the buyside with Rokos Capital Management – INVALUABLE EVENT for STEM SUBJECT STUDENTS with LOTS OF FREE FOOD & DRINKS - 7pm Tues 30 Jan, Pembroke College

On Tuesday 30th January from 7pm in Pembroke College's Pichette Auditorium in the Rokos Quad, you will have a very unique chance to attend one of the most INSIGHTFUL, EXCITING AND INVALUABLE EVENTS OF THE YEAR organised by the Oxford Guild with hedge fund manager Rokos Capital Management. Rokos Capital Management providing you with the incredible opportunity to get an understanding of the global economy, how innovation, cutting edge research and technology are changing the macroeconomic landscape and an introduction and insight into the fast paced and exciting world of hedge funds and the buyside, the work they do, and how to succeed in this high profile and competitive industry. As one of the only hedge funds offering positions directly to graduates, Rokos are looking for keen, inquisitive minds to join the fund straight out of university. Students with a STEM (Science, Technology, Engineering, or Mathematical disciplines) or Economics background are particularly welcome as well as those who already have offers and incoming graduate roles or internships. This unmissable and exclusive event will give you the chance to hear from, meet and network with senior professionals from this innovative, world leading hedge fund which is launching its new graduate programme and is looking to recruit you. This is the perfect opportunity to get your foot in the door, network in a comfortable setting over free food and drinks and find out more about the world of hedge funds and the buyside. The Head of Investor Relations Mark Edwards, Head of HR Lindsey Boden will be in attendance along with Nick Dawson, Portfolio Managers, and representatives from their risk, investment, quant, infrastructure, research and enterprise technology teams as well as Oxford alumni will also be in attendance! To apply please email your CV to graduates@rokoscapital.com and copy in president@theoxfordguild.com listing your name only in the email heading. You will be emailed by MIDNIGHT Monday 29th January to confirm if you have been successful in attaining a place.

Founded by Chris Rokos (an Oxford alumnus from Pembroke College) in 2015, and who previously was co-founder of Brevan Howard Asset Management, this is an incredible opportunity to hear more about the buy side and the graduate opportunities that RCM has to offer. The Firm manages a global macro hedge fund that targets consistent long-term returns for its investors within a well-defined risk framework. The fund is active in the major macro asset classes: interest rates, FX, equities, as well as emerging markets, credit and commodities. Today they have over 110 employees between their London headquarters and Washington D.C. research office.

This promises to an invaluable event for anyone with an interest in the world financial climate, the finance, hedge fund and asset management industries and for those looking to apply for positions. There will be an opportunity for a fascinating and unique discussion covering some topical issues and you can gain some additional knowledge and insight into the markets and current affairs to use going forward in your career. Rokos' expertise and the huge wealth of investment experience of those in attendance, will propel you to succeed at interviews and into your internship or job and impress your employer, helping you to convert them.

This will be an incredibly useful event, and one of the only events like this and visits from a top hedge fund that is one of the few to hire graduates out of university in Oxford this year, so DO NOT MISS OUT!

WHEN: 7pm, Tuesday 30th January

WHERE: Pembroke College's Pichette Auditorium

Students with a STEM (Science, Technology, Engineering, or Mathematical disciplines) or Economics background are particularly welcome as well as those who already have offers and incoming graduate roles or internships.

TO APPLY: Please email your CV to graduates@rokoscapital.com and copy in president@theoxfordguild.com listing your name only in the email heading. You will be emailed by MIDNIGHT Monday 29th January to confirm if you have been successful in attaining a place.

Friday 16th February 2018

Lecture, panel discussion and Q&A: 17:30

Drinks reception: 19:00

Venue: Lecture Theatre 1, Blavatnik School of Government, 120 Walton St, Oxford OX2 6GG

"When a president wages war on a press at work"

Marty Baron, Editor-in-Chief The Washington Post

The year since the election of President Trump has seen the most conflictual relationship between the White House and the Press in recent history. In this lecture Marty Baron reflects on what this means – both for journalism and politics.

'Witnessing and Evidence at Rwanda's Gacaca Courts and the International Criminal Tribunal for Rwanda'

Reuters Institute for the Study of Journalism

Monday 19 February at 12:45, Seminar Room L, Law Faculty

Wednesday 31st January

2:00pm The Business and Practice of Journalism Seminar, Speaker: Adrian Hadland, senior lecturer, University of Stirling, 'Photojournalism in the digital age', E.P. Abraham Lecture Theatre, Green Templeton College

Friday 2nd February

5:00pm Media and Politics Seminar, Speaker: Tony Gallagher, editor-in-chief, The Sun, 'Britain's media and politics', Butler Room, Nuffield College

**We would also like to confirm that we will be holding The Business and Practice of Journalism seminars in the E.P. Abraham Lecture Theatre at Green Templeton College, NOT the Barclay Room.

Nuffield College

"You are warmly invited to the workshop on 'Social Origins, Cognitive Ability and Educational Inequality in Britain' on Thursday, 15 February, at Nuffield College. In this workshop Erzsébet Bukodi, John Goldthorpe, Mollie Bourne and Bastian Betthäuser will present and discuss the main findings from their most recent research project on the role of cognitive ability in the intergenerational transmission of inequality. Please find the programme of the workshop attached. We would be grateful if you could register your interest via this eventbrite link."

Please do not hesitate to contact us if you have any questions or need further information.

Refugee Studies Centre

PUBLIC SEMINAR SERIES | 5PM, WEDNESDAY 31 JANUARY

Addressing statelessness in Europe and the nexus with forced migration

Chris Nash (Director, European Network on Statelessness)

Seminar Room 3, Oxford Department of International Development, 3 Mansfield Road, Oxford, OX1 3TB

Seminar series convenor: Dr Lilian Tsourdi

About the speaker

Chris Nash is the Director and co-founder of the European Network on Statelessness. He has worked in the refugee and migration field for over 20 years, initially as an asylum lawyer and then at the European Council on Refugees and Exiles (Head of Policy and Advocacy), the Refugee Council of Australia (National Policy Director), Amnesty International (Head of Refugee and Migrant Rights Team) and Asylum Aid (International Protection Policy Coordinator). He has also worked as a consultant for UNHCR. He has written widely on asylum, migration and statelessness policy, and is joint author of the 2011 UNHCR/Asylum Aid report Mapping Statelessness in the United Kingdom.

The <u>European Network on Statelessness</u> (ENS) is a civil society alliance of non-governmental organisations, NGOs, academics, and experts committed to addressing statelessness in Europe. Since its launch in June 2012, ENS has attracted over 125 members (including 75 NGOs) in 40 European countries. ENS pursues its mission through a combination of law & policy, awareness-raising and capacity-building activities. Current ENS priorities include its **#StatelessKids**, **#LockedInLimbo** and **#RomaBelong** campaigns.

Light refreshments will be provided after the event.

Conference/Call for abstracts/papers

We are pleased to invite you and your institution to participate in the 7th (19 and 20 March) International OXFORD SYMPOSIUM ON POPULATION, MIGRATION, AND CLIMATE CHANGE

Our meeting dates for 2018 are:

March 19 & 20 at Merton College, Oxford August 2 and 3 in Oxford December 5-7 in Oxford

Attendees are welcome to either present a paper or participate as a panel member/observer.

The abstract submission deadline for the Spring symposium is 5 March. Abstracts are reviewed on a rolling basis and notifications are sent within ten days of submission.

The early registration deadline is 7 March.

NOTES

- Keynote speaker <u>David Coleman</u>, Emeritus Professor of Demography; Associate Fellow, Department of Social Policy, University of Oxford.
- We welcome papers that take an interdisciplinary view of the main themes of the conference: climate change, world population increase, human migration, and environmental sustainability.
- The Symposium seeks to cover a broad agenda that includes disciplines such as economics, education, environmental studies, agriculture, law, political science, religion, and social studies.

- Topics for presentation may reach beyond these areas; our website contains an extensive list of suggested topics.
- Participant abstracts will be published online in the conference proceedings.
- Submission of complete papers is optional. If interested, you may send your manuscript (six weeks after the conclusion of the symposium) to be peer-reviewed by external readers for possible publication in Symposium Books or sponsored academic journals.

<u>Conference Oxford</u> has hundreds of affordable bedrooms in Oxford colleges available, offering splendid views of college quadrangles and gardens. Consult https://www.oxford-population-and-environment-symposium.com/venue-travel/travel-and-lodging/ for lodging information.

Email <u>contact@oxford-population-and-environment-symposium.com</u> or oxford.academic.symposia@gmail.com if you have questions.

Follow us on Twitter @OxfordSymposia1

Vacancies

The Blavatnik School of Government are currently advertising for the above post and we were hoping the below could be circulated to any individuals that you feel might be interested.

Research Assistant(s) for the BA Future of the Corporations Project, Blavatnik School of Government, Oxford

We are seeking to hire one or more Research Assistants to work the equivalent of 20 weeks over the next 6 months (with the possibility of extension). The role offers an exciting opportunity to investigate the significance of trust and trustworthiness for corporations, and their stakeholders.

The position is a part of a larger <u>British Academy</u> funded research grant awarded to the <u>Building Integrity Program</u>, situated within the Blavatnik School of Government, Oxford University. There is a growing sentiment that trust in corporations is currently in free-fall. However, what does this mean? Why might it be morally and empirically significant? And what might be done in response? This project aims to address these questions. We desire two sets of expertise.

First, we aim to hire someone with sufficient experience in philosophy and/or political theory to assist in addressing both the conceptual and normative dimensions of the topic. This will involve clarifying the concept of 'trust' and its cognates ('distrust', 'trustworthiness', 'untrustworthiness') as they apply in the context of corporations; and, establishing the normative position of corporations (and other relevant actors) with respect to issues of trust.

Secondly, we aim to hire someone qualified to undertake a multidisciplinary systematic review of the empirical literature on trust, its cognates and corporations. This review will provide a survey of the different current (and historical) corporate, regulatory and social structures which result in different trust relations between agents; highlight causal relations that raise important normative questions; and identify key gaps in the literature, and thus key empirical questions that need to be answered by further research. Such expertise could arise from a background in political science, law business and management, sociology or any other relevant discipline.

Please find the full job description here and the full research award description here.

The closing date for applications is 12.00 noon UK time on Monday 12 February 2018.

Opportunities & Information

Examination Preparation Seminar

The Exam Services Team will be hosting an examination preparation seminar for students on Wednesday 14 February 4-5pm. The team will be joined by colleagues from across the university to offer advice on revision, welfare and examination regulations at Oxford, so is a great opportunity to prepare for sitting examinations in 2018. Students should register to attend the seminar via the WebLearn site.

Mock Examinations and Examination Orientation sessions

Registration to attend the Hilary term Mock Examinations and Orientation Sessions is now open. A number of sessions will take place during Week 6 of Hilary term. Students must join the Mock Exam WebLearn site to register for the sessions they wish to attend. Further information is available on the Mock Examination page of the Oxford Students website. These sessions are a great opportunity for students to familiarise themselves with the examination locations and examination regulations to help combat confusion and anxiety when sitting examinations at Oxford.

The DAS are now offering a drop-in between 12-1pm every week day (Monday – Friday) during weeks 0-9. More details available from https://www.ox.ac.uk/sites/files/oxford/DAS%20drop-in%20service.pdf

Please give us feedback by completing our student survey: https://oxford.onlinesurveys.ac.uk/university-of-oxford-disability-advisory-service-student

We are launching the 4th Annual Global English Camp Summer Internship Program through Come On Out Japan and extending our invitation to top Universities and Japanese high school students for a cross-cultural learning experience. We will be on campus on Wednesday January 31 from 7 - 9 pm in the Rainolds Room in Corpus Christi College and hope to see you there! See the Facebook Event page for further details and interested students who cannot make it, please let us know and we can meet in the evening as well! Come On Out Japan 2018 Info Session - Oxford

We are currently seeking University students and recent graduates with native level English skills, who would be interested in coming to Japan for 6 weeks from mid-July to late August, 2018. Although this is an unpaid internship, the sponsor is providing certain expenses for each Intern who participates in the six-week program. In addition to airfare, lodging, meal and transportation subsidies, the program offers optional Japanese language classes, field trips, dinner/cooking nights and at least one overnight trip. These additional opportunities are all designed to add cultural enrichment to your summer abroad experience.

This program is truly different from any other traditional teaching positions in Japan. Interns will facilitate English conversations with Japanese high school students on a variety of relevant global topics. Outside of the class, interns will have space in their schedule to fulfill their personal goals and cultural exploration.

We do not have any Japanese fluency requirements and accept undergraduate, graduate and recent graduate students.

See links below for more information. If you have additional questions regarding the program, please contact Come on Out-Japan directly or via our inquiry tab on our website. You can find our application at www.comeonoutjapan.com!

As communicated to you back in November, Oxford DTP is offering 3 12-month ESRC-funded Post-doctoral Fellowships to start in October 2018.

This scheme is addressed to those of you nearing completion or having very recently completed your doctorate. At the submission deadline, the applicant must either have been awarded a PhD or have submitted their thesis and passed their viva voce with minor corrections, with the expectation that the PhD will be awarded by the fellowship start date of 1 October 2018. Fellowship activities must be aligned to one of the Grand Union DTP's 24 thematic pathways and based at least 50% within the social sciences.

The Funder's deadline is 23 March 2018 however there is an internal deadline on 19th February you need to send your applications to if you want to be considered.

Call specifications, ESRC FAQs, slides from the briefing session as well as the application form are available on the <u>Grand Union DTP website</u>.

The call is open to applicants who have undertaken their PhD at one of the 73 research organisations that are part of an ESRC-funded <u>DTP or CDT</u>.

Please note, that there are only three fellowships available across the DTP and strong competition is anticipated, the Department is supposed to submit up to three best ranked candidates.

Please let me know as soon as possible if you consider applying for this fellowship.

IT Courses

Linux: A comprehensive introduction - For anybody who is curious about exploring Linux for their daily computing

02/02/2018 - 09:15-16:15

This course, delivered as a whole day session, will give you a comprehensive introduction to Linux (the open source operating system). The course gives a brief background to Linux - where it came from, how it is made and who uses it. You will explore the command line, and learn how to build your own commands. You will be introduced to shell scripting as a way to automate tasks. Finally, you will take a look at the standard Linux office applications, and be shown how to find and install other useful programs. Computers and software (Ubuntu) are provided.

- Become familiar with the command line
- Use the command line to build your own commands
- Use shell scripting to automate task
- Become familiar with Linux office applications
- Find useful programs

Staff £60/Students £30

Book and pay

Matlab: A comprehensive introduction

Matlab is a high-performance language for technical computing. This four-session course provides a working introduction to the Matlab technical computing environment. Themes of data analysis, visualization, and programming are explored throughout the course.

The course is taught using Matlab R2017a

The course objectives are to:

• Look at the Matlab user interface

- · Work with Matlab data types
- Create matrices and arrays
- Consider operators and control statements
- Use scripts, functions and graphical features
- Import and export data
- Analyze and improve performance

Staff £120/ Students £60

05/02/18, 12/02/18, 13/02/18 and 20/02/18 (all 09:15-12:15)

Book and pay

imagine: is a series of talks about Augmented Reality (AR) and Virtual Reality (VR); two disruptive technologies that push the limits of imagination. The talks will provide an overview of these technologies, app development and accessible facilities within the University. Each guest speaker will illustrate the use of VR/AR for different applications, such as training, learning, designing and research.

All of the talks for this term are now confirmed so sign up today!

Search our Whats-On page and filter by imagine: for an up to date list.

imagine: New Technologies in the RSL - why create a VR Lending Service?

30/01/2018 - 12:30-13:30

The RSL has always been at the forefront of putting New Technologies into its reader's hands. It started with ereaders, then moved onto 3D printing and now Virtual Reality. Come along and see what's on offer.

Book

imagine: Augmented reality - from spatial interaction to astronaut training

06/02/2018 - 12:30-13:30

A powerful medium is what enables a powerful representation. Over the past decade, researchers have been actively exploring augmented reality and thinking about how we can support users in performing skilled tasks. In this session, Alla Vovk from the Performance Augmentation Lab at Oxford Brookes, looks at how technological advancements in augmented reality are increasingly redefining our concept of spatial interaction, tools, and processes. The talk will be followed by a demo of AR applications developed for Microsoft HoloLens in the fields of aviation maintenance, healthcare and astronaut training.

Book

imagine: the 3DEXPERIENCE - Engineering in the Age of Experience

13/02/2018 - 12:30-13:30

There have been dramatic changes in consumer expectations when purchasing and using a product or service. In response, engineers and designers have had to adapt the way they work and the tools they use. This talk will cover a brief history of the software tools that engineers have used over the years, from CAD to PLM, and look at the latest development from Dassault Systems, the 3DEXPERIENCE Platform. This will include examples of how engineers from several companies are using the software in their live projects, including some specific examples of the VR/AR capabilities that are being used and the benefits they provide.

imagine: HTC Vive and the future of learning in VR

20/02/2018 - 12:30-13:30

Dave Hayes from HTC Vive will present a short talk on the current status quo in VR and education. The team will give an overview of Vive's current product range, including the new VIVE Pro. This will be followed by demonstrations of the latest software and learning platforms being used, with an opportunity for questions and answers.

Book

imagine: Augmented vision for the sight impaired

27/02/2018 - 12:30-13:30

This talk will show the potential for using Augmented Reality to improve functional sight in some visually impaired individuals where residual vision is present. Iain Wilson will cover the development of a mobile platform for testing image enhancement algorithms and assessing the benefit to visually impaired individuals in every-day uncontrolled situations. The system has shown the potential to aid a significant number of sight impaired individuals, and as a viable platform for research into vision enhancing techniques.

Book

imagine: Using VR in the real world - offshore wind turbine installation

06/03/2018 - 12:30-13:30

This session will show the potential of VR in large engineering projects. Toby Balaam from Oxford's Engineering Department will discuss the possible use of VR in the installation of offshore wind turbines. Currently, the connection is guided manually with workers dangerously close to large suspended loads. A possible design idea is to use VR with the crane driver in order to improve their field of vision, moving workers away from risk. The talk will focus on a group research project in which this idea was tested in the lab: lifting a large cylindrical section into place using 360-degree cameras for sight.

Book

Are you planning to write up? Or to get your research reading underway? Referencing tools like EndNote can really make a difference. This term, learn to use EndNote effectively.

Referencing: EndNote - Quick start

Learn to download references from online databases and organise them in a library. Discover how EndNote and Word work together to save you time: you can cite items from your library, then EndNote automatically manages the layout and appearance of your citations and bibliography. No previous knowledge of EndNote is assumed.

The course objectives are to:

- Set up a library for your references, and keep it well organised
- Have a range of strategies for connecting to online libraries and collecting references and papers
- Cite references in a document and create a bibliography
- Understand the way that citations, footnotes and bibliographies are formatted

A computer and software are provided, however you can bring your own device which must have the correct software (EndNote X8) already installed

Staff £20/Students £10

08/02/18 - 10:15-12:15

Book and pay