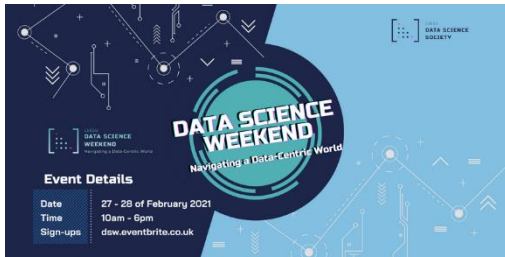**Events Archive for 2021**

AstraZeneca Guest Lecture



We have an industry guest lecture coming up this term! This lecture will be given by Lars Lynne Hansen who is an AI Technical Expert and Khyla Kadeena-Miller who is a Data Scientist and they both work at AstraZeneca. AstraZeneca is one of our Capstone Project partners and Professor Milan Vojnović will be chairing this fantastic lecture!

**Title:** Data Science and AI in the pharmaceutical industry.

**Abstract:** Data Science and AI are increasingly becoming an integrated part of the pharmaceutical industry. Applications cover widely - from discovery of new molecules and creating tools for better diagnosis of patients, all the way to running efficient commercial and manufacturing operations. We will give examples of how AI is used in the pharmaceutical industry, as well as the typical career opportunities within data science and AI in AstraZeneca.

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**Saturday 27 February 2021 at 10am - Sunday 28 February 6pm**
Data Science Weekend - Navigating a Data-Centric World

Are you an enthusiastic junior who would like to explore the field of Data Science? Or are you a more intermediate learner looking to upskill and try your first datathon? Or maybe you'd just like to learn something new and meet like-minded people?

LSESU Data Science Society is proud to announce its first flagship event: "Data Science Weekend - Navigating a Data-Centric World".

Supported by the new LSE Data Science Institute, this 2-day event will include panel discussions by data scientists from the finance and consulting industries, beginner-friendly workshops and a 24-hour data science challenge open to all skill-levels.

Join us for a weekend of learning and professional growth you won't forget!

EXPLORE . PRACTICE. NETWORK.

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**Monday 8 March 2021, 12-1pm**
Facebook Guest Lecture

We're delighted to announce that for our second industry guest lecture this term, we'll be joined by employees from Facebook. This lecture will be presented by Dima Karamshuk (Research Scientist) and Tiago Schmidt (University Recruiter). Facebook is one of our Capstone Project partners and Professor Milan Vojnović will be chairing.

**Title:** Popularity Prediction for Social Media

**Abstract:** Predicting the popularity of social media content in real time requires approaches that efficiently operate at global scale. Popularity prediction is important for many applications, including detection of harmful viral content to enable timely content moderation. The prediction task is difficult because views result from interactions between content features, resharing, feed ranking, and network

structure. In this talk we will discuss the problem of accurately predicting popularity both at any given prediction time since a content item's creation and for arbitrary time horizons into the future.

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**Starting Tuesday 16 March 2021, 12-3pm**
Online Course - Machine Learning with Graphs

**Course description**: Graphs provide versatile abstraction for modelling, visualising and analysing rich and heterogeneous datasets. They offer a fundamental toolbox for modeling social, technological, biological systems and more.

In this course, we will focus on the challenges and opportunities specific to the analysis of large graphs. The goals is to introduce students to the computational, algorithmic, and modeling foundations of the burgeoning area of machine learning ton graphs. We will study algorithms, programming frameworks and tools, and applications.

We will cover areas such as node and edge embeddings, representation learning and Graph Neural Networks; algorithms for the web, Knowledge Graphs, social network analysis, biological networks, and more.

**Course lecturer**: Moez Draief, Visiting Professor in Practice

**Course content**:

- Lecture 1 (16/03/21) - Challenges and Opportunities
- Lecture 2 (23/03/21) - Shallow Graph Machine Learning
- Lecture 3 (30/03/21) - Deep Graph Machine Learning
- Seminar 1 (06/05/21) - Graph Machine Learning in Practice
- Seminar 2 (07/05/21) - Graph Machine Learning in Theory

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**Thursday 18 March 2021, 6-7pm**
Career Panel: Women in Statistics and Data Science

Hear from Statistics' alumnae about their successes in the workplace, how they got to where they are today and any advice they might have for you in your job search.

This is an essential event for students interested in a career in statistics and data science. Panellists will discuss their own education, recruitment processes, their experiences, and more.

There will be the opportunity to ask the panellists questions throughout the discussion, so bring your questions along with you!

The panel will be chaired by **Sara Geneletti**, Associate Professor in Statistics at LSE.

**Panellists include:**
Alyssa Staats, Economist at the Bureau of Labor Statistics (MSc Statistics, 2020)
Dr Christine Yuen, Assistant Professorial Lecturer at the LSE Department of Statistics (PhD Statistics, 2021)
Malika Malik, Cloud Solution Architect at Microsoft (MSc Data Science, 2018)
Phoenix Feng, Divisional Strats at Deutsche Bank (PhD Statistics, 2018)
Sonal Shah, Education Actuary at the Institute and Faculty of Actuaries (BSc Actuarial Science)

This event is open to all and will be particularly useful if you:
- are interested in the work and responsibilities of jobs in different sectors,
- would like to hear about the experiences of women with statistics degrees,
- would like to get advice for your job search.

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**Wednesday 24 March 2021, 3-4pm**
Tracking Covid-19 with the Financial Times

**Speaker:** John Burn-Murdoch is the Financial Times' senior data visualisation journalist, and creator of the FT's coronavirus trajectory tracker charts. He has been leading the FT's data-driven coverage of the pandemic, exploring its impacts on health, the economy and wider society. When pandemics are not happening, he also uses data and graphics to tell stories on topics including politics, economics, climate change and sport, and is a visiting lecturer at the London School of Economics.

**Title:** Tracking Covid-19 with the Financial Times.

**Abstract:** One of the most impactful ways that data science can change public policy and community is the building of tools that help people discover for themselves how the world works. In the midst of the confusion and muddled public messages by governments and international organisations at the onset of the covid-19 pandemic, the Financial Times created such a tool with their daily visualisations tracking the spread of the coronavirus around the world and providing one of the most reliable global view of the unfolding tragedy.

Joining us in session 2 of the CIVICA Data Science Seminar Series will be John Burn-Murdoch, the key architect behind the massively popular data visualisation tool by the Financial Times. John will share his and the FT team's experience in data collection and presentation to the general public, the importance of good and evolving data visualisation in informing public discourse, and how he managed to capture the attention of millions and raised the global awareness on the seriousness of the ongoing pandemic.

This seminar is run jointly between the LSE Data Science Institute and the CIVICA network.

[Find out more](#)

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**Friday 2 July 2021**
EuroCIM conference - Day 3

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CIM

The EuroCIM 2021 conference will be held virtually this year and our Department of Statistics will host the third day of the conference! The invited speaker is Ingeborg Waernbaum from Uppsala University.

The day is organised by our very own Dr Sara Geneletti and if you have any questions about this virtual event then please get in touch at statistics.events@lse.ac.uk.

Places are free and all talks will be held during the daytime hours in Central Europe and will be broadcast live. Please note that no recordings will be made.

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**Wednesday 7 - Friday 9 July 2021**
Conference in memory of Fred Smith and Chris Skinner

A conference is taking place at the University of Southampton on 7-9 July 2021 in honour of Chris Skinner and Fred Smith who both worked in the Department of Statistics and who both sadly passed away in 2019.

The conference will be based around the themes that interested Fred and Chris during their research careers.

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**Thursday 14 October 2021**
PhD Open Day



This open day is designed for aspiring PhD Statistics students who are keen to formulate authentic, cutting-edge research in Data Science, Probability in Finance and Insurance, Social Statistics, and Time Series and Statistical Learning. Academics from the Department will offer useful insights through research talks and seminars followed by one-to-one sessions and social activities.

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**Thursday 26 October 2021**
Department of Statistics Careers Panel

Open to all current students of the Department, join us as Dr James Abdey chairs our annual Department of Statistics alumni panel to discuss their career journey and advice to our students. Various sectors are represented during this popular event so you can learn about the variety of careers available to you.

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**Monday 8 November 2021**
Data Feminism: what does feminist data science look like?

What is feminist data science? How are scholars in the humanities and social sciences bringing together data science and feminist theory in their research?

Drawing from their recent book, Data Feminism, Catherine D'Ignazio and Lauren Klein present a set of principles for data science that are informed by decades of intersectional feminist activism and critical thought. To illustrate these principles, they will discuss a range of recent research projects including some of their own. Together, these examples demonstrate how feminist thinking can be operationalised into more ethical, more intentional, and more capacious data practices, in the digital humanities, computational social science, human-computer interaction and beyond.

This free event is part of the LSE Public Lecture Programme.

**End of 2021 events archive.**