



Mathematical Institute

# HPCC Systems Big Data Analytics Workshop

Join us for free workshop and hands-on tutorial

Learn how to use HPCC Systems to analyse big data using machine learning

3-6pm Thursday Week1 HT, 17<sup>th</sup> January 2019

Location: L1, Andrew Wiles Building, Mathematical Institute, University of Oxford

Hosted by: Oxford Nie Financial Big Data Lab, Mathematical Institute

Instructors: Dan Camper, Lili Xu, Brian Bounds LexisNexis

Find out more: <https://hpccsystems.com/oxford-workshop>

Scan the QR code to register online



All University of Oxford students and faculty are welcome to attend this free workshop event, also featuring details about the HPCC Systems intern program

HPCC Systems is an open source big data platform that allows you to carry out massively parallel Extraction, Transformation and Loading (ETL) Analytics, and highly concurrent and large scale real-time data delivery.

## Learn:

- The basic HPCC Systems cluster architecture and execution model
- How to manipulate data stored on a cluster using ECL
- Basic ECL-based Machine Learning algorithms
- How to predict the stock market on the HPCC Systems platform

## What you need:

- A laptop with VS Code and the ECL Language extension installed
- Ability to access the public internet



## About the Instructors



Dan Camper has been with LexisNexis for five years. He is a Senior Architect in the LexisNexis Solutions Lab Group. He has also worked for Apple and Dun & Bradstreet and ran his own custom programming shop for a decade.



Lili Xu is in the final stages of completing her PhD in Computer Science. Lili has completed three internships with the HPCC Systems platform team, working on machine learning applications. Her research area is machine learning, natural language processing and high-performance computing.



Brian Bounds has been with LexisNexis and other RELX Group companies since 2008. He is based in London at Proagrica, the RELX Group business applying Data and Analytics to Agriculture. For more than a decade he led a data engineering team that provided data science-based fraud detection and analysis solutions to several of the top 20 property and casualty insurance companies in the United States.