



IBM Blockchain Workshop

Wednesday 27 November 10:00am to 5:00pm
Room PM04 (Postgraduate and CPD Centre)

Speaker: Matt Lucas, Blockchain Global Engagement at IBM



This event has been organised by the University of Bedfordshire CST School together with the BCS Student Chapter / Beds Computing SU Society

If you want to learn about Blockchain then you cannot afford to miss this event.

Venue: Postgraduate and CPD Centre, near the Main Campus, University of Bedfordshire, University Square, Luton LU1 3JU

See <https://www.beds.ac.uk/contactus/directions/> for campus location, directions and parking areas around the University. Parking is available in the Shopping Mall directly across the road (Church Street) from the University.

On arrival, please report to the Main Campus Reception (this is NOT the Park Square Reception)

Car parking space may be available in front of the Park Square reception area. If you require parking space, please contact Sue Brandreth at sbrandreth150@googlemail.com with your name, and car registration number.

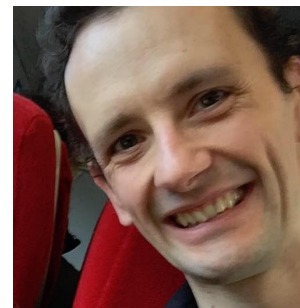
For further details, contact paul.sant@beds.ac.uk

Places are limited so please register at:

<https://ibm-blockchain-workshop-27nov2019.eventbrite.com>

Blockchain technical skills are in high demand, with the World Economic Forum predicting that 10% of global GDP will be stored on blockchains or blockchain related technology by 2025. It is rare for a technology to have interest from the C-suite to the developer community.

Matt Lucas from IBM's blockchain team will hold an all-day technical workshop telling you what you need to know.



Blockchain is a shared, replicated ledger that underpins technology such as Bitcoin. Blockchain's reach is far wider than cryptocurrency however, as it sets out to provide the foundation for a new generation of transactional applications that establish trust and transparency, while streamlining business processes.

Are you curious about Blockchain and what it can do? In this one-day course you will learn the essentials of blockchain:

- Blockchain Explained: What blockchain (distributed ledger technology) is and why it is important
- Blockchain Technologies: Comparing blockchain technologies (ie. Ethereum, Bitcoin, Hyperledger Fabric)
- Blockchain Technical Concepts: The technical concepts of blockchain: data structures and algorithms
- Blockchain Software Engineering: Building your first application and deploying your first network

The course is targeted at students with a technical background because it builds on basic computer science concepts and will include basic programming in JavaScript, knowledge of which is desirable but not essential.

The course will focus on the use of distributed ledgers in business scenarios, and will thus take into account the various privacy and confidentiality requirements that organisations face, and the various other regulatory frameworks that govern business today. It will not focus on the use of anonymous blockchains, or the use of blockchains for (and investment in) cryptocurrencies.

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Drinks and snacks will be available during the day.

About the lecturer:

Matt Lucas is part of IBM's global blockchain team. His role is to help people understand and apply blockchain technologies and works closely with emerging blockchain fabrics such as Hyperledger Fabric and Ethereum. He is based in IBM's development laboratory in Hursley and has worked with IBM for 20 years on a variety of

integration middleware technologies. Matt is also an advisor for the British Blockchain Association and an associate lecturer at the University of Oxford.