



Blockchain Security for Enterprise

THEMATIC AREA: Blockchain

WEBINAR TITLE: Blockchain Security for Enterprise

DATE: Tuesday 2nd July 2019

TIME: 11:00 BST

DURATION: 1 Hour

VENUE: Online

CONTACT: blockchain-secretary@ieee-ukandireland.org

> WEBINAR HIGHLIGHTS

This webinar will focus on the significance of blockchain from an enterprise perspective. Firstly, we will explore ongoing research within the telecoms industry to build a blockchain for number management. This will demonstrate some of the key characteristics of good blockchain applications and the challenges faced in implementing.

Secondly, we will explore the security concerns around blockchain including homeostasis of private ecosystems as well as the impact of cryptocurrencies for business. We demonstrate the use of novel techniques in the forensic investigation of dark web sales.

We conclude with a look at the future opportunities for distributed ledger technology for enterprise and the steps needed to ensure the reliability of future systems.

> WHO SHOULD ATTEND

This webinar is intended for everyone with an interest in blockchain technology. An understanding of blockchain would be useful but is not required.

> WEBINAR OBJECTIVES

- A brief explanation of blockchain technology
- Understanding the security concerns of blockchain technology
- Provide examples of techniques for forensic analysis of cryptocurrencies
- Understand the challenges and opportunities for blockchain projects, with an example for telephone number management
- Explore the future of tooling for blockchain development and operations

> THE SPEAKER

Dr Jonathan Francis Roscoe is blockchain research manager within the Disruptive Security Technologies group of BT Applied Research where he has worked on developing security mechanisms to enhance blockchain for enterprise use cases. His blockchain research interests include the integration of machine learning, homeostasis and vulnerability analysis. As part of the NICC group exploring blockchain for number management, he is leading the technical work on architecture and consensus.

As well as the TEISS award for Information Security, Jonathan was awarded ITP Innovator of the Year 2018 for the research and development of novel graph analytics techniques for forensic analysis of Bitcoin transactions.



> WEBINAR CONTENTS

1. Blockchain for Number Management (use case)
2. Concerns and Challenges of Blockchain for Enterprise
3. Forensic Analysis of Cryptocurrencies
4. Future Opportunities

> ACCREDITATION

This webinar is accredited by IEEE UK and Ireland Section.

> TRAINING WEBINAR STYLE

This training Webinar is practical, participatory and personal. We focus on real issues and help participants to benefit from the techniques covered, rather than just discuss them. A variety of learning methods are employed to stimulate interest and meet the differing needs of participants– including illustrated presentations, discussions, and case studies.

> REGISTRATION

Please fill in the form at <https://www.eventbrite.co.uk/e/blockchain-security-for-enterprise-tickets-62909527089> to book your seat for the webinar

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