UCL Blockchain Executive Education Evening Programme 2019

A unique programme for business strategists, innovators, futurists and public sector planners to gain a rigorous understanding of the impact of Distributed Ledger Technologies on industry and society, both today and in the future.

This executive education and networking programme, running for the second time, runs over eight weeks in London between May and July 2019. Instruction is provided by international thought-leaders and leading academics.

Blockchains—Transformative Technology or Not?

Blockchain pilots are now being successfully completed by corporations both in the finance sector and beyond[1]. Investment continues to rise reaching over $22.5 billion since the inception of blockchain[2]. This nascent technology is expected to transform mainstream practices in finance, supply chain and logistics, IOT, cybersecurity and government.

- Today, does implementing blockchain technologies create benefits and what are the risks in doing so?
- Will these transformative technologies live up to the hype and early accolades?
- How can blockchains be deployed practically alongside other emerging technologies?

Understanding how new technologies will impact industries in the near future can be a challenge. Educational materials are often too superficial or overly-technical and do not provide the specific details required by leaders to make informed decisions. This course balances strategic concepts and relevant technical concepts to guide leaders on appropriate adoption of disruptive technologies.

1- CBInsights 2 - Coin Desk

Introducing the UCL Blockchain Executive Education Evening Programme

The University College London (UCL) Blockchain programme brings the world-renowned expertise of the UCL Centre for Blockchain Technologies (CBT), together with the foremost thinkers in blockchain technologies globally.

- Instruction by global thought leaders and academics
- Unique executive collaboration and networking experience
- Hybrid learning model: Foundational knowledge taught online, core knowledge taught during eight evening in-person classroom sessions, one blockchain coding workshop and networking event
- Innovative learning through the UCLeXtend platform—enabling you to access content and watch lectures online at any time to strengthen understanding of concepts

This programme delivers a comprehensive experience for executives to gain an understanding of Distributed Ledger Technologies (DLT), applications to industry and the public sector, and future implications for our society.

Our goal is an intensive programme in blockchain literacy. You interact with academics at the cutting edge of research on technical, business and legal aspects of blockchain-based systems that inform strategic thinking and public policy. In addition, you will be immersed in a curated network of expert practitioners pioneering these technologies at the frontline.

There are optional coding workshops and key opportunities to work and network with peers at various stages of adopting blockchain-related technologies across a range of sectors.

This programme is sponsored by Mishcon de Reya LLP.

Cost:
£4,500 (early bird discounts available off this price)[*]

Length:
Eight Evenings Sessions + One Coding Workshop + Blockchain Networking Events Over Eight Weeks

When:
Tuesday Evenings Between 21 May 2019 and 9 July 2019

Where:
London, UK

*Please see our website for current pricing and scheduling information

The Value This Programme Delivers To You

- A comprehensive understanding of blockchains through a unique framework that equips you to analyse the technologies and assess their business, economic, legal and regulatory implications
- The information to guide your organisation through the necessary changes involving the adoption and deployment of new potentially disruptive distributed technologies like blockchain and how to overcome obstacles and hindrances
- The ability to assess the opportunities and challenges that blockchains (in conjunction with other emerging technologies as well) may generate for your industry or those in your supply chain
- Outstanding executive collaboration and networking experience with a community of highly regarded academics, guest speakers and interested peers
- Access to the UCL CBT and their associates, including the latest research, newsletters and events, both during and after the programme
- Blockchain Coding Workshop plus two networking events where you can interact with blockchain companies and blockchain practitioners
- UCL Certificate of Participation that can be used to evidence Continuing Professional Development (CPD) hours

Who Should Take This Programme?

This programme is aimed at business leaders, innovators, technologists, regulators and public policy makers who need to quickly gain a fundamental understanding of blockchains including both the opportunities and risks. It is primarily managerial in nature, with optional technical and simulation sessions for those who wish to explore the underlying nature of blockchains in more depth.

This course is most suited to those in managerial, executive, senior and director-level positions, who have a keen interest in understanding how to evaluate the opportunities, challenges, and innovation potential of disruptive blockchain-based business models from multiple viewpoints.

It is also suitable for those who wish to develop links with the UCL CBT to collaborate on joint research or applied contract work.

Ultimately, this programme is suitable for anyone looking to future-proof their careers with skills and knowledge that will be in demand in the short to medium term.

"We stand on the brink of a fourth industrial revolution, which will fundamentally alter the way we live, work, and relate to one another. New technologies are dramatically transforming our economic systems, and our society in general, into something very different from what we were used to thinking about over the last few decades"
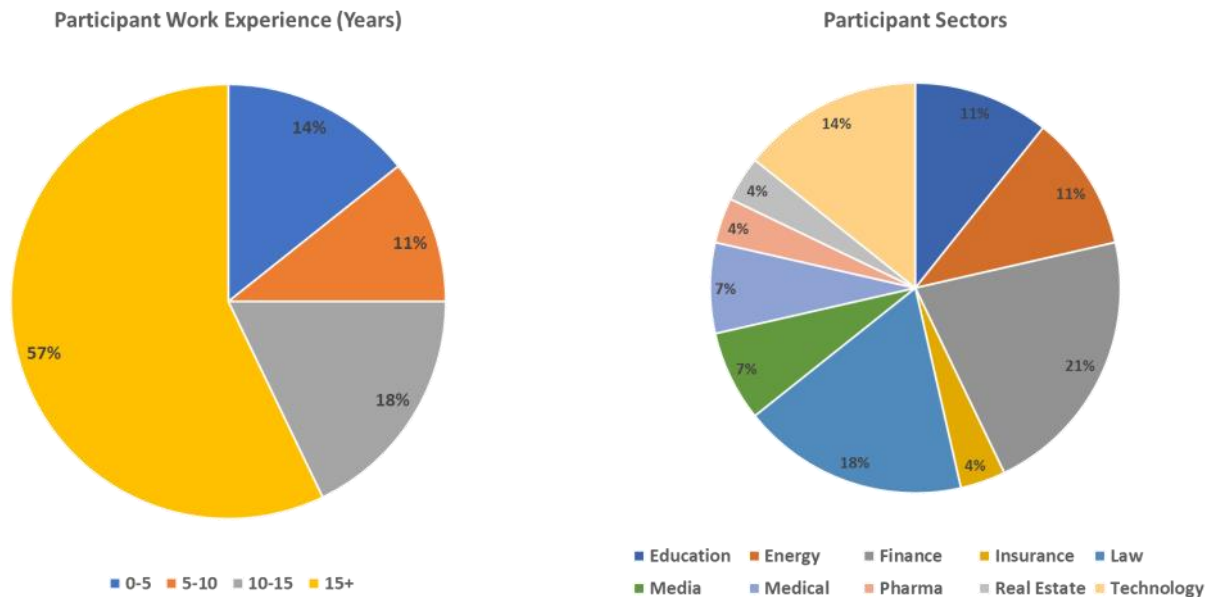
Dr Paolo Tasca, Course Convenor

Course Participants & Feedback

Course participants on our programmes come from a variety of sectors and with diverse work experiences.

The median work experience of participants is greater than 15 years.

The following charts show the breakdown of participants based on their work experience and what sectors they have come from.

Participant Work Experience (Years)

14%
11%
18%
57%

■ 0-5 ■ 5-10 ■ 10-15 ■ 15+

Participant Sectors

11%
11%
14%
4%
4%
7%
21%
7%
18%
4%

■ Education ■ Energy ■ Finance ■ Insurance ■ Law
■ Media ■ Medical ■ Pharma ■ Real Estate ■ Technology

Feedback from previous programmes includes:

- *"A thoroughly enjoyable course—I now read blockchain use cases with a different sense"*

- *"High quality speakers + content"*

- *"A good introduction to DLT"*

- *"Great delivery, structure, content and friendly/supportive delivery team"*

UCL Blockchain Executive Education Programme

What You Will Learn

This course is designed to provide you with a framework for evaluating blockchains, both through their use of technology and business applications and from a legal and regulatory perspective.

The programme will primarily be taught in-person by academics and practitioners to give a balance between theory and current real-world applications. There will also be supplementary materials made available online to complement classroom learning. All lectures are recorded to enable learners to revisit and strengthen concepts they are studying.

The following outlines the main areas of teaching on the programme and over the eight evening sessions, optional coding workshop and networking events.

Pre - Course Preparatory Material

Before embarking on the eight evening course, we present online material to help you build basic foundational knowledge to help you get the most out of your time with global blockchain thought leaders.

Part 1 - The Technology Behind Blockchains & Distributed Ledgers

In the first part of this course, you learn about the underlying elements of what makes up a distributed ledger and the history behind blockchains. How do distributed ledgers differ from existing technologies available? What are the benefits they bring? How many different distributed ledgers exist? How can we distinguish good ones from bad ones?

You will also learn about different blockchain applications, including:

- **Cryptocurrencies and Tokens**
- **Asset Registry Technologies**
- **Application Stacks**
- **Asset Centric Technologies**
- **Smart Contracts (including DApps and DAOs)**

At the end of this initial module, you will be well-versed in the various technologies that underpin blockchains and how these translate into their uses in industry.
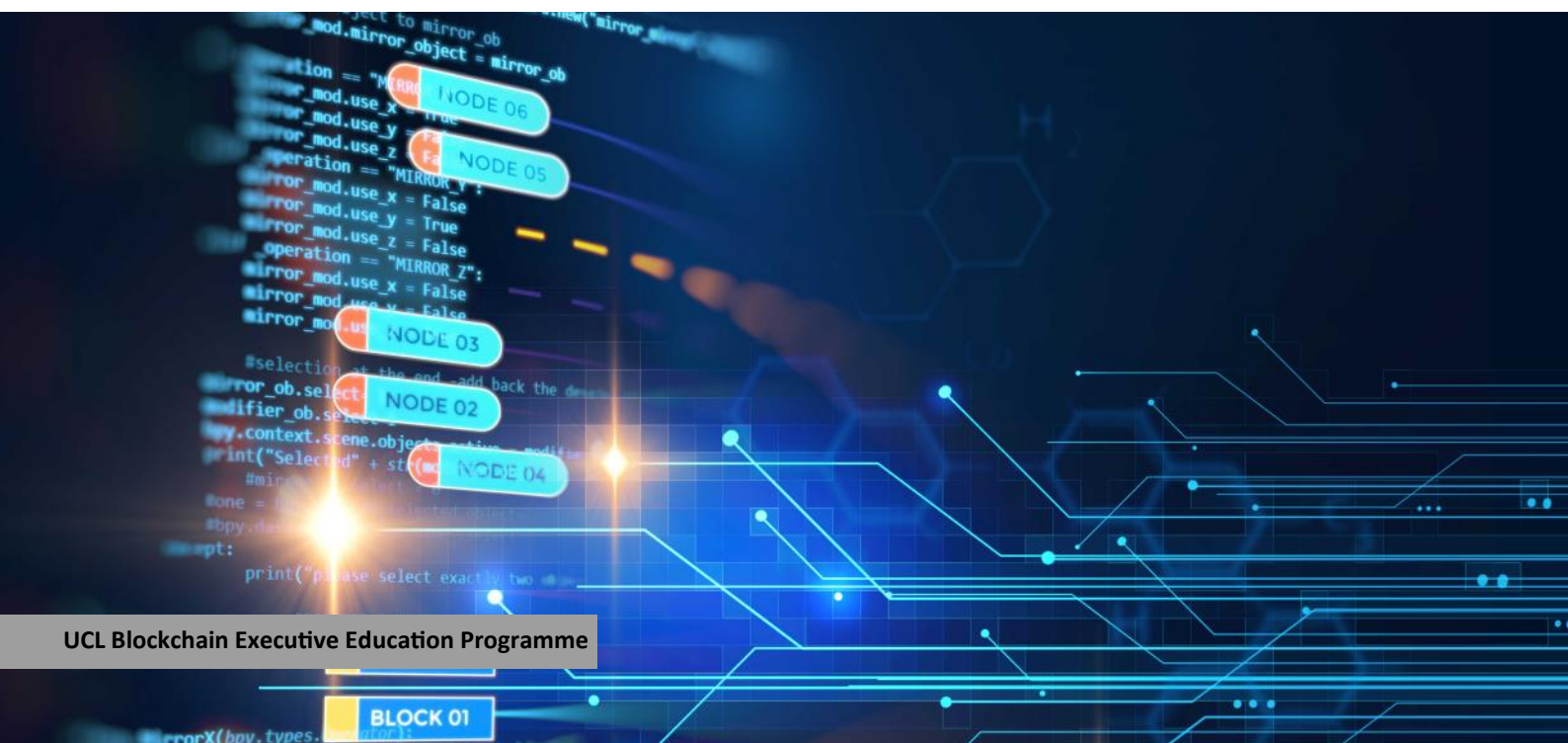
Part 2 - The Economic Implications and Business Applications of Blockchains

In the second part of the course, we examine the economics of blockchains, business cases in different industries and socio-economic implications.

We map out the different blockchain industry segments, study the dynamics of investments in blockchain-related businesses and both the disruption created as well as the challenges and risks of adoption. Enterprise blockchain solutions and how companies are thinking about and implementing projects will be covered. We also cover how blockchain technologies interface with other emerging technologies such as Artificial Intelligence.

We also examine the monetary and macroeconomics of cryptocurrencies and the use cases of smart contracts. We examine how the ICOs, DAOs and Token economies are evolving and where they fit in today's world.

At the end of the second part of this course, you will understand what the trajectory of blockchain applications may be in various industries and the opportunities and risks they may present.

Part 3 - The Legal/Regulatory Implications of Blockchains

In the final section, you learn about the legal and regulatory challenges faced with adopting blockchains and smart contracts, as well as regulation of cryptocurrencies. In particular, we look at differences in the regulation of ICOs/ DAOs and how security, debt, payment and utility tokens differ from a regulatory and legal perspective across different jurisdictions.

We examine the evolving nature of regulation in blockchain use and how blockchains can be used to streamline regulation and compliance (RegTech). With the support of real uses cases, you learn how these technologies can be used for continuous auditing, AML/KYC verification, or automated tax filing.

Part 4 - Real World Case Studies

Equipped with an underlying framework of technological, economic and legal aspects of blockchains, you will then look at real-world case studies of blockchains to discover how blockchains can be applied or not in your own industry and how transformative business models can be created.

Blockchain Coding Workshop (Optional)

To give you a practical feel of what it means to work with blockchain technology we provide you with a coding workshop where you can learn to code simple DLT applications. You will be able to understand the structure and behaviour of simple Ethereum based Smart Contracts and the structure of a DApp.

Networking Events (Optional)

Our goal is not only to equip you with the knowledge to tackle disruptive blockchain technologies, but also to make the connections with practitioners and blockchain companies that you can collaborate with. We provide networking events where you can get to know your peers and lecturers and meet emerging blockchain companies and blockchain practitioners.

UCL Blockchain Executive Education Programme

Course Details

The UCL Blockchain Executive Education Evening Programme maximises interaction between course lecturers, practitioners and participants.

Engaging learning experiences create long-lasting partnerships. We offer a classroom-based in-person learning environment with limited class sizes and 1-1 support where needed.

To maximise time spent with lecturers, we place foundational learning materials online so we can cover more complex materials in the classroom. Learners are supported by having access to the the UCLeXtend online learning system, where all learning materials are available and all lectures are recorded, such that you can easily cover material you missed or want to revisit.

This course consists of eight weeks of core teaching with optional events arranged around this period. It is based at UCL's campus in London, UK. Sessions begin at 18:30 and aim to finish at 21:30 once a week.

The typical timetable for learning will be:

18:30 — Arrival

18:45 — 1st Teaching Session

20:15 — Break

20:30 — 2nd Teaching Session

21:30 — Optional Networking with Lecturers, Guest Speakers and Fellow Participants

22:00 — Session Ends

Course Dates

This course will occur every Tuesday evening between 21 May 2019 and 9 July 2019. These dates are:

21 May   28 May   4 June   11 June   18 June   25 June   2 July   9 July

Networking events and Blockchain Coding workshops will be arranged around the core teaching period.

Course Cost

This course costs £4,500. For the latest pricing information including early bird discounted offers, please visit our website.

Course Accreditation

UCL provides a certificate of attendance on completion of the course which evidences Continuing Professional Development (CPD) hours (for those who achieve more than 80% attendance of core sessions).

Course Requirements

- No prior knowledge of blockchains is required to take this course
- Most beneficial for mid to senior level managers in organisations looking to explore blockchain applications for their industries
- Outside of classroom time, expect 2-4 hours of extra work required per week

UCL Blockchain Executive Education Programme

Who You Will Learn From

Your Convenor — Your subject matter expert who has guided the design of this programme

Dr Paolo Tasca is a Digital Economist specialising in P2P financial systems. An advisor on blockchain technologies for different tech companies and international organisations including the EU Parliament and the United Nations, Paolo is the founder and Executive Director of the UCL CBT. Previously, he was Lead Economist on digital currencies and P2P financial systems at the Deutsche Bundesbank. He is also an entrepreneur and inventor of several blockchain-related technologies including Overledger.

Your Instructors — Global experts who will share their experiences and in-depth subject knowledge of the core elements of the programme

Prof. Tomaso Aste is Professor of complexity science at UCL Computer Science. He has substantially contributed to research in financial systems modelling, complex data analytics and machine learning. He is passionate in the investigation of the effect of technologies on society, and currently, focuses on the application of blockchain technologies to domains beyond digital currencies. He is the principal investigator for the largest UK project on blockchain for automatic regulation and compliance. He is Scientific Director of the UCL CBT; Head of the Financial Computing and Analytics Group and Member of the Board of the ESRC LSE-UCL Systemic Risk Centre.

Dr Geoffrey Goodell is a research fellow at UCL and Deputy Executive Director of the UCL CBT. He is also an entrepreneur and portfolio manager with a decade of experience in the financial industry. He has previously worked for Goldman Sachs and was Partner and Chief Investment Officer of Phase Capital, an asset management firm. He has a PhD in computer science from Harvard University. His research is concerned with decentralized systems, digital currencies, institutions, and regulation.
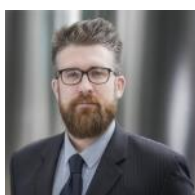
Dr Alastair Moore is a computer scientist with experience in AI/ML, UX design, marketplaces, mobile, early-stage tech and blockchain innovation. He also founded UCL spin-out Satalia.com and venture-backed Wearepopup.com. Most recently he has been involved in helping design and administer innovation programmes at IDEALondon and UCL's School of Management. His areas include innovation in business models for 5G networked environments; scale-up support programmes for SMEs requiring Big Data/Analytics expertise and the commercialisation of smart cities using Sematic Web technology. He also works with Mishcon de Reya implementing AI and blockchain technologies in the legal world.

Mr Nikhil Vadgama is the Deputy Director of the UCL CBT and orchestrated the world's first accredited Blockchain Executive Education Programme. He is also a Lecturer in Financial Technology at the UCL School of Management. His experience has spanned multiple sectors including Education, Real Estate and FinTech. Most recently he has been involved in commercialisation of academic research in the AI and Blockchain domains. He was previously an Investment Banker with HSBC. Nikhil has an MBA from INSEAD, an MPhys from Oxford University and has passed all three levels of the CFA programme.

Dr Jiahua Xu is a postdoctoral fellow at École polytechnique fédérale de Lausanne (EPFL), as well as a research associate at Harvard Business School and the UCL Centre for Blockchain Technologies. Her research interests lie primarily in blockchain economics, behavioural finance and risk management.

Prof. Claudio Tessone is an Assistant Professor at the University of Zurich. He is an expert in the modelling of economic, social and technical systems from a quantitative and interdisciplinary perspective. His research focuses on blockchain and Bitcoin, specifically in the economic and technical aspects of these ground-breaking technologies: Emergent economic patterns, apparent and hidden incentive schemes, the design of new systems, and the design of decentralised, scalable architectures.

Your Blockchain Practitioners — They will provide you with their frontline experiences of the practicalities of implementing blockchains in industry

We are currently securing a line of up of blockchain industry practitioners to teach on our forthcoming evening programme. Currently confirmed individuals for our upcoming programme are below and overleaf.

Dr Pinar Emirdag leads the digital product development and innovation team at State Street. Pinar has worked on a number of industry changing initiatives, building new marketplaces and capital markets offerings throughout her career at London Stock Exchange, ICAP, Liquidnet, Citigroup and Lava Trading which was a successful financial technology firm which was acquired by Citigroup. She has worked on entrepreneurial initiatives as an executive, founder, advisor and board member. These include Clematis, Senahill Partners, R3, Hyperledger, Quantave, UK Digital Currency Association, Complymatic and Mathmoneyfx (now Symbiont).

Mr Marcus Treacher is the SVP of Customer Success at Ripple. Marcus has over 30 years of experience in transaction banking and payment technology, including 12 years in global leadership roles at HSBC. He served as a member of the Global Board of SWIFT from 2010 to 2016. Prior to joining Ripple Marcus was HSBC's Global Head of Payments Innovation, applying emerging fintech to solve customer challenges in digital payments, trade and supply chain. Prior to HSBC, he held leadership positions at Citigroup and Accenture. Marcus also works with industry communities, organizations and governments to help shape new payment practices.

Dr. Irene Lopez de Vallejo is the Director of International Partnerships and Business Development of DEX and Founding Team Member of Ocean Protocol. Previously she helped set up the Digital Catapult, the UK's leading advanced digital technology innovation centre. She is also Co-Founder of GivingStreets, where she is committed to make our increasingly cashless society inclusive for all.

Mr Richard Brown is the CTO at R3 and is one of the world's leading authorities on distributed ledger systems and architectures. Previously Richard was Executive Architect for Banking and Financial Markets industry innovation at IBM UK. His previous roles with the company, for whom he worked for almost fifteen years, included Lead Account Architect for a global Investment Banking client and a consultant for IBM software products. Richard is a Chartered Engineer, holds an MBA from Warwick Business School and a degree in Mathematics from Cambridge.

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Dr Primavera De Filippi is a permanent researcher at the National Center of Scientific Research (CNRS) in Paris, a faculty associate at the Berkman Klein Center for Internet & Society at Harvard University, and a Visiting Fellow at the Robert Schuman Centre for Advanced Studies at the European University Institute. She is a member of the Global Future Council on Blockchain Technologies at the World Economic Forum, and co-founder of the Internet Governance Forum's dynamic coalitions on Blockchain Technology (COALA). Her fields of interest focus on legal challenges raised by decentralized technologies, with a particular focus on blockchain technologies. She is investigating the new opportunities for these technologies to enable new governance models and participatory decision-making through the concept of governance-by-design.

Mr Tom Grogan is a corporate lawyer and Co-Lead of the Blockchain Group at Mishcon de Reya. He has experience advising high-profile government clients on the formulation of their emerging technology policies including blockchain across a variety of sectors. He regularly advises and provides educational sessions to innovative corporates and forward-thinking governments on their digital strategies, policies and legal and regulatory frameworks. He also supports Mishcon de Reya's Tokenised Assets Group on their security offerings by way of ICO/STO, tokenomics and OTC trades.

Prof Ben Livshits is the Chief Scientist at Brave (BAT token) and is a recognized expert in security, privacy, and software quality and reliability. He is responsible for research, including forward-looking initiatives concerning the company's product, data, and user interactions at Brave Software. He is an associate professor at Imperial College London and a UCL CBT Associate. Ben was also a scientist at Microsoft Research in Redmond for a decade. His research interests include security, privacy, programming languages, and compilers. Many of his papers found successful practical applications in widely-deployed products and services, such as Microsoft's malware detection pipeline. He is also the author of dozens of patents and multiple tech transfer awards for bringing research into practice, and is routinely invited to participate in program committees of top-tier international conferences. Dr. Livshits holds a bachelor's degree from Cornell University and an M.S. and Ph.D. in Computer Science from Stanford University.

Mr Antony Welfare is an expert in applications of blockchains to the retail sector. He is Global Practice Leader—Blockchain at Luxoft. He has a lifetime of experience in retail and e-commerce, with an intimate knowledge of the sector from your local store to the global multinational retail giants. Following 20 years of hands-on experience in such household giants such as M&S, Sainsburys and Dixons, Antony previously pushed the boundaries of cutting-edge, retail tech at Oracle and now at Luxoft.

UCL Blockchain Executive Education Programme

Some of the individuals who have taught in our previous programmes and may be confirmed for our upcoming programme are:

Mr Henning Diedrich is the founder and CEO of the Lexon Foundation. He was the first architect of Hyperledger at IBM and served as a Director for blockchain at the Boston Consulting Group, Digital Ventures. For the European Commission, Henning lead a small, global posse of core crypto devs giving advice about what is and what isn't possible in regtech using smart contracts. Henning also led the technical architecting of DeBeer's blockchain supply chain solution for the diamond industry with data protection.

Dr Julio Faura is the CEO of Adhara and was the former Head of R&D (Blockchain) at Santander. He led their activities around crypto-currencies, blockchain and distributed ledgers, running internal technical labs where he built innovative blockchain-based products and services, led collaboration with other leading banks in the space, leading the creation and participating in industry consortia, and regularly speaking at relevant industry forums. He is the chairman of the Enterprise Ethereum Alliance, the chairman of Spain's Alastria network, and a member of the board of the Wall Street Blockchain Alliance.

Ms Valerie Khan has consulted the World Bank Identity for Development (ID4D) team with a focus on country case studies on identity structures and best practice examples. Previously, Valerie was establishing the identity agenda for the United Nations World Food Programme (WFP) in partnership with other UN agencies like UNHCR and the WB. She has previously worked for over ten years in the banking sector and GE in Europe and Russia.

Mr Peter Todd is an Applied Cryptography Consultant and a core developer for the Bitcoin protocol. He has worked on prooftrains and treechains, with permissionless development, decentralized mining, and scalability. He is the maintainer of the python-bitcoinlib and OpenTimestamps projects. He has worked with numerous blockchain companies including Verisart. He is known for working towards improving security and stability in bitcoin without compromising decentralisation.

Mr Lars Schlichting is an expert in the regulatory and legal aspects of blockchains and has advised numerous clients including crypto funds, crypto exchanges and several ICOs. He is currently CEO of Eidoo Group, a Multicurrency Wallet and Hybrid Exchange, and a Partner at Kellerhals-Carrard, a Global Law firm. He has also previously been a Partner at KPMG Switzerland, advising on banking and finance, and worked as an Attorney for the Swiss Federal Banking Commission.

Dr Maria Grazia Vigliotti is an expert in cybersecurity and smart contracts. She has held numerous roles in consulting for the cybersecurity industry. She is also a Director of Gradbase, who are placing academic and professional credentials on the bitcoin blockchain. She holds a PhD in Computer Science from Imperial College.

Dr Daniel Heller is a fintech and digital currency expert. In 2017, he was a visiting fellow at the Peterson Institute for International Economics in Washington where he published widely on the impact of emerging digital technologies such as blockchain on the financial sector, financial stability, and central banking. Before joining the Institute, he was Head of Financial Stability at the Swiss National Bank, Head of the Secretariat of the Committee on Payment and Settlement Systems at the Bank for International Settlements, and an Executive Director at the International Monetary Fund.

About the UCL Centre for Blockchain Technologies

The UCL CBT is the first centre globally to actively focus on blockchain related research on the adoption and integration of Blockchain and Distributed Ledger Technologies into our socio-economic system.

The unique characteristics of the CBT at UCL provides a cross-sectoral platform connecting expertise and drawing knowledge from eight UCL departments centrally in one place. The CBT is a centre of excellence fostering open dialogue between industry players and sharing expertise and resources. It is a neutral think tank providing consultancy services to industry members, dedicated knowledge-transfer activities and cutting-edge in-house solutions.

For engagement outside of the academic world, the CBT's activities have been tailored to industry and policymakers' needs. The UCL CBT draws on its world-leading academic expertise to produce blockchain solutions for industry, start-ups and regulators. With a community of over 150 Research & Industry Affiliates and Industry Partners, it is the largest Academic Blockchain Centre in the world.

Notable Work

Ripple

The UCL CBT joined the "University Blockchain Research Initiative" founded by Ripple (a multinational Blockchain Company) to provide academic research, technical development and innovation in blockchain, cryptocurrency and digital payments. UCL was one of 12 institutions selected (including MIT, Princeton, Berkeley etc) and the only University from the UK.

BARAC

The CBT is leading the Blockchain Technology for Algorithmic Regulation and Compliance (BARAC) project. This is the largest publicly funded blockchain project aimed at the public sector that will be defining feasibility guidelines to policymakers, industry and regulators by identifying problems and associated solutions with a bottom-up approach, built through case studies and proof of concept platforms. For this project, the CBT is partnering with the Financial Conduct Authority, Singapore Monetary Authority, Cyprus Securities and Exchange Commission and financial groups like Banco Santander and R3, and FinTech companies like Lykke, Aesthetic Integration and Advanced Technology Solutions.

RSCoin

Several members of the CBT have teamed up with the Bank of England to develop a hybrid cryptocurrency, called RSCoin, which combines the benefits of distributed ledger technologies with the centralized control of traditional currencies. RSCoin can process approximately 2000 transactions per second—compared to 7 transactions per second that Bitcoin can process at the same time. Further, each individual transaction usually clears within a second—compared to the minutes that it takes for transactions in traditional cryptocurrencies to clear.

United Nations

The CBT is also partnering with the United Nations on a social protection initiative on digital identity. Many of the state of the art digital identity systems require centralised control points vulnerable to abuse by powerful third parties. Decentralised architectures can be deployed to address important human rights violations including privacy and economic empowerment among local businesses and cooperatives and their beneficiaries throughout the developing world.

About UCL

UCL is consistently ranked as one of the top 10 universities in the world[1]. It enjoys this reputation as a globally leading academic centre of excellence due to its culture of innovation and radical ideas. It was the first university in England to admit women on an equal basis as men in 1878. It has 29 Nobel laureates amongst its ranks, past and present.

Founded by Jeremy Bentham in 1826, UCL was the first university in England to be entirely secular and to admit students regardless of their religion. UCL alumni include the "Father of the Nation" of each of India, Kenya and Mauritius, the founders of Ghana, modern Japan and Nigeria, the inventor of the telephone, and one of the co-discoverers of the structure of DNA.

UCL invests strongly in the practical commercialisation of academic research by fostering innovation. The founders of DeepMind (now part of Google), one of the leading Artificial Intelligence companies in the world, met whilst at UCL. Deepmind is one of many success stories borne out of UCL's innovation environment.

The UCL ecosystem consists of more than 13,000 staff and 38,000 students from 150 different countries. This ecosystem has helped it achieve its ranking as the top university in the UK for research strength[2].

1 - QS World Rankings 2 - REF

UCL Blockchain Executive Education Programme

A Note From The Programme Sponsors:
Mishcon De Reya LLP

[Mishcon de Reya](#) is an independent LLP which provides legal and non-legal services to companies and individuals and which now employs more than 900 people with over 550 lawyers.

Our clients are dynamic and sophisticated and we reflect that in our belief in challenging the conventional or accepted ways of working. We like to solve problems quickly. We fiercely guard our clients' interests, recognising the significant nexus between business affairs and personal affairs and the ways in which this affects our clients.

This is why we have chosen to sponsor the UCL Blockchain Executive Education Evening Programme. We understand that the world is changing for us and for our clients. In order to service them with the best advice, we need to be at the forefront of new technologies. Our Blockchain Group is comprised of lawyers, computer scientists, cyber security experts, developers and academics and is well placed to advise on and assist with the technical and strategic implementation of blockchain solutions within your business, from proof of concept phase to final rollout, while maintaining legal and regulatory compliance in what is a complex and rapidly evolving environment.

This course will provide understanding, awareness and analysis of blockchain technology and its uses in modern society. Blockchain has tremendous value and the breadth of applications we encounter on a daily basis is staggering. There is no single blockchain application, there are many.

As with many emerging technologies it is tempting to overestimate the short-term benefits, while failing to predict the long-term gains. These technologies will not change the world overnight but their impact will be very real. Businesses who understand this will be best positioned for the future and able to capitalise on emerging technology.

Mishcon continue to work with innovative governments and forward-thinking corporates to develop forward-looking technology strategies. These strategies place blockchain solutions alongside artificial intelligence, data analytics and internet of things technology as a central pillar of their future growth and positioning.

"Blockchain technology and other emerging technologies have the potential to have a transformative effect across our society over the coming years. In order for businesses to keep up with this transformation, they need to identify areas that are vulnerable to disruption and develop strategies to strengthen them. This course will provide an excellent understanding of the applications of blockchain within business and improve digital literacy of this new technology."

Dr Alastair Moore
Head of Analytics and Machine Learning at Mishcon de Reya

UCL Blockchain Executive Education Programme

Register Now for 2019 Course

Email: blockchain_education@ucl.ac.uk

UCL Blockchain Executive Education Evening Programme

A unique programme for business strategists, innovators, futurists and public sector planners to gain a rigorous understanding of the impact of blockchains on industry and society, both today and in the future.

Email: **blockchain_education@ucl.ac.uk**