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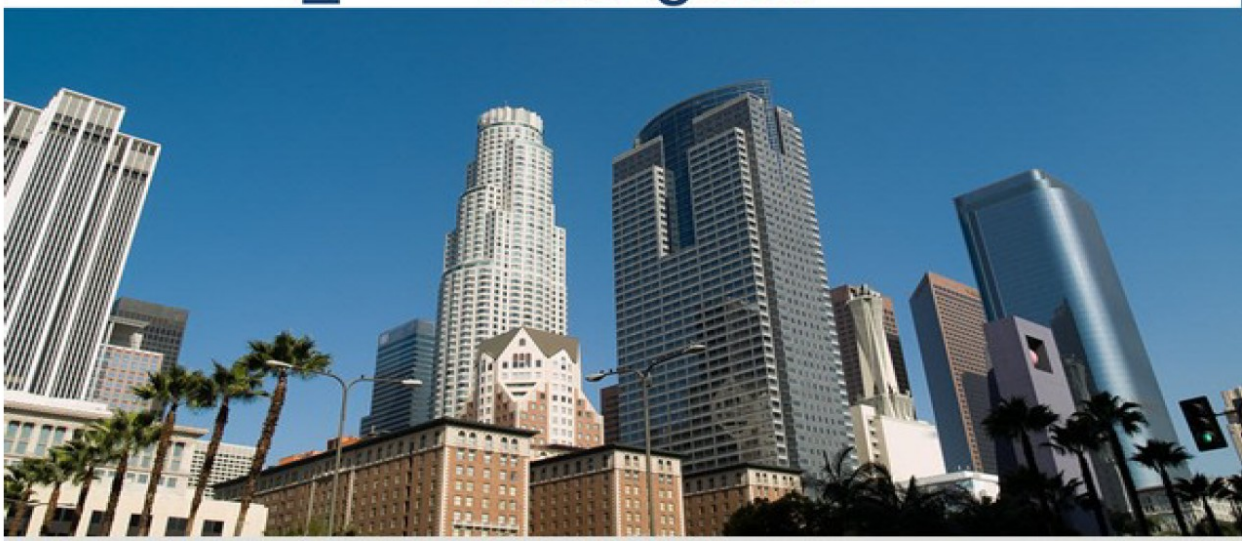

Current Trends in Blockchain Technology

Blockchain's Role in Internet of Things (IoT) and the STO Financial Revolution

A Virtual Meeting:

Date: Thursday, August 27, 2020
Time: 6:00PM to 8:00PM (Presentation)

Zoom Webinar

Registration in advance on Zoom IS REQUIRED.

Blockchain has been one of the most hyped technologies on the planet, but it is now being leveraged in almost every industry, including supply chain, prescription medicine, financial applications, and in smart cities.

Gartner has predicted that the banking industry will derive $1 billion of business value from the use of blockchain-based cryptocurrencies by 2020. Smart contracts and STO are creating a revolution.

Blockchain's data-centric nature has great value when utilized with Internet of Things (IoT) connectivity and artificial intelligence (AI). This has been referred to as **the convergence of the Trinity of Digitization (Blockchain + AI + IoT).** Most importantly, blockchain adds security to IoT.

AITP-LA is fortunate to bring you two highly-qualified speakers, with expertise in multiple areas, who will discuss blockchain trends plus demonstrate its implementation now on large scale:

Alex Nascimento, MA, MBA -- author, Co-founder of Blockchain at UCLA, and UCLA faculty member

Dr. Gowri Ramachandran – Senior Research Associate at USC Viterbi Center for Cyber-Physical Systems and IoT and Autonomous Networks Research group

STO Financial Revolution

Blockchain is not only Bitcoin. This technology promises to revolutionize the management of sensitive data across all industries and is being incorporated into banking, government, science and more. Find out where, how, and who is developing and implementing this radical technology and why there is so much interest.

Alex Nascimento, will discuss the key benefits of security tokens – such as cost reduction, automated dividend payment, startup fundraising, and the secondary market – and will explain their ecosystem, including custody, issuance platforms, trading platforms, broker-dealer, and compliance.

Alex will share insights on blockchain as foundation for secure development as well as practical applications such as smart contracts being implemented today. He will also discuss compliance across international jurisdictions.

IoT and Blockchain – Noncryptocurrency Applications

Blockchain has applications for Internet of Things (IoT) and smart systems, beyond financial applications. **Dr. Gowri Ramachandran** will share what is becoming possible, and will discuss how blockchain is being incorporated into IoT devices and ecosystems.

IoT opens up countless opportunities for businesses to run smart operations; incorporating blockchain makes the systems efficient and very secure. **IoT** devices can send data to private **blockchain** ledgers for shared transactions with tamper-resistant records.

Gowri will provide some current examples:

1. Supply Chain and Logistics
Vehicles are now IoT-enabled to track movement throughout the shipment process. IoT sensors like GPS and temperature sensors provide details about the status of shipments. Once data is saved on the Blockchain, stakeholders in smart contracts get secure, real-time access to the data.
2. Smart Cities
Blockchain is an enabler of next-generation infrastructure. Smart cities utilize IoT for lighting, energy usage, and parking management.
3. Sharing Economy
The Sharing Economy has become a widely adopted concept around the world. Blockchain is helping create decentralized, shared economy applications. The City of LA is experimenting with a data marketplace where IoT device owners can sell data, like temperature sensor data, to developers.

Gowri will also provide insights into Blockchain-IoT design, including:

- Leveraging blockchain immutable storage to track sales and purchases.
- Streaming data payment protocol (SDPP) – which enables a buyer and seller to easily connect and transact with each other using micropayments for streaming IoT data.
- Trinity– a blockchain-based communications framework for exchange of data to others in the application ecosystem.

A VIRTUAL MEETING

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Time: 6:00PM to 8:00PM Presentation (Pacific time)

Speakers:

Alex Nascimento, MA, MBA -- Author, Co-founder of Blockchain at UCLA, and Faculty Member UCLA

Dr. Gowri Ramachandran -- Senior Research Associate at USC Viterbi Center for Cyber-Physical Systems and IoT and Autonomous Networks Research Group

Place: Virtual meeting via ZOOM

Cost: FREE for all with Advance Registration

Registration in advance on Zoom IS REQUIRED.

LINK TO REGISTER

https://us02web.zoom.us/webinar/register/9115929589450/WN_pP7IMw3kRee-_zy53mboBg

ABOUT OUR SPEAKERS

Alex Nascimento, MA, MBA is an author and faculty member and Co-founder of Blockchain at UCLA where he lectures on Blockchain Business Applications and Security Tokens in addition to his role of Managing Director of 7CC - Blockchain Investments, a company focused on supporting & fostering the Blockchain industry. Alex got his MBA from UCLA Anderson School of Management and has developed training, marketing & blockchain strategies for companies in the United States, Latin America, and Asia. Alex can be found lecturing at UCLA and speaking at main Global Blockchain conferences and Corporate events demystifying securities issuance and investments on the blockchain for business leaders and entrepreneurs.
He is author of a book, The STO Financial Revolution, which provides a comprehensive understanding of the global competitive landscape of security tokens and the core concepts of how to develop, issue and market a security token on a Blockchain.

Dr. Gowri Sankar Ramachandran is a Senior Research Associate at USC Viterbi Center for Cyber-Physical Systems and Internet-of-Things and Autonomous Networks Research Group. Gowri received his Ph.D. from imec-DistriNet, KU Leuven, Belgium. He completed his M.Sc in Intelligent Embedded Systems from Malardalen University, Sweden. During his M.Sc, Gowri visited the Technical University of Eindhoven, The Netherlands as Erasmus scholar. Gowri completed his B.Tech in Electronics and Communication Engineering from SASTRA University, India. His research interests include Internet-of-Things (IoT), blockchain, smart cities, and edge computing. Gowri has over seven years of experience in IoT, low power wireless communication, and has been involved in the deployment of IoT applications and testbeds using technologies such as LoRaWAN, IEEE-802.15.4e, and WiFi. Lately, he is exploring blockchain technology and its application in IoT. Gowri is also involved in USC's Intelligent Internet-of-Things Integrator (I3) consortium, which brings together researchers from various disciplines and industries including the City of Los Angeles to create a community-driven IoT data marketplace.