

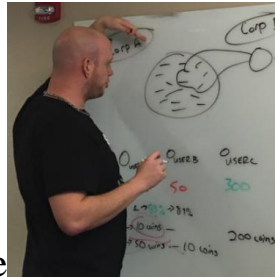


Blockchain Workshop

Chicago April 28 (Saturday)

at

Holiday Inn Chicago O'Hare Rosemont,
10233 West Higgins Road, Rosemont, IL 60018



James Saikin and John White will be presenting a full day workshop in Chicago on April 28 (Saturday) covering the following material (call Kendra at 1.800.843.8227 to register to attend that session or [pay online](#)). James will cover Strategies in the morning and John will cover Technical implementations described below...come blow your mind at this session with experts in Blockchain and Cryptocurrencies & start-up companies.

Strategy (Manager, Technical Consultants, Technical Sales) – James Saikin (9am-12 noon)

1. Business decisions for Blockchain
2. Blockchain versus traditional Database Solutions
3. Fault tolerance protection
4. Systems Integration problems solved by Blockchain
5. Disintermediation – key cornerstone of blockchain
6. Secure Data Exchange in corporate environments
 - a. proof of stake
 - b. proof of work
 - c. hybrid - private permission system interfaced with public permissionless system
7. Peer to Peer Networking
8. Public Private Key Cryptography
9. Digital Signatures and usages
10. Basic Blockchain Primitives
11. Consensus – long continuous chain
12. Usage of Hashing
13. Proof of Work versus Proof of Stake and implications for consensus
14. Issues in legal, financial and business opportunities
15. Applications of Blockchain
16. The Future of Blockchain?



Technical Level (John White) 1.00pm – 4pm

1. Blockchain Fundamentals
2. Elliptical Curve Cryptology ECC and ECDSA
3. Proof of Work
4. What is Proof of Stake?
5. What is a smart contract?
6. What are properties of blocks, block-headers, and transactions?
7. Cold versus hot storage
8. Wallets, storage and physical security
9. How is the blockchain stored?
10. How do you have light weight nodes on the network?
11. What is the ERC-20 standard?
12. What is the Merkle Root and its Hash
13. What is the double-spend problem and how is resolved?
14. How does difficulty scale on a blockchain?
15. In Bitcoin what is the difficulty scale algorithm (2016 blocks) every two weeks
16. How often are blocks added to the blockchain? Every 10 minutes
17. Block size is currently 2MB and why are they likely to increase e.g. 20MB?
18. What are transaction fees and who is paid transaction fees (miners)?
19. What is the address base for a blockchain?
20. What is a release schedule algorithm for coins?
21. What happens if you send coins to an address that hasn't been claimed.
22. Are transactions reversible?

Date: April 28

Strategic Session: US\$225

(ICCP, ACM, CIPS, AITP, CPCI & DAMA Chicago Members: \$100)

Start time: 9am

End time: 12 noon

Technical Session: US\$255

(ICCP, ACM, CIPS, AITP, CPCI & DAMA Chicago Members: \$100)

Start time: 1.00pm

End time: 4.00pm

Register for both: \$395 (Early Bird: \$295 by April 2, 2018)

(ICCP, ACM, CIPS, AITP, CPCI & DAMA Chicago Members: \$195)

Purchase tickets on Eventbrite: <https://www.eventbrite.ca/e/blockchain-workshop-one-day-tickets-44120758376> or

Call or email the ICCP. 1.800.843.8227 or email: office2@iccp.org