

Curriculum Vitae



Dr Lo Swee Won

Senior Lecturer, Finance Programme
School of Business

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Education Qualifications

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| 2016 | PhD in Information Systems (Singapore Management University) |
| 2009 | Master of Engineering (Kyungpook National University) |
| 2007 | Bachelor of Engineering (Honours) (Multimedia University) |

Academic and Professional Experience

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| 2021 - Present | Senior Lecturer, School of Business, Singapore University of Social Sciences |
| 2023 - Present | Associate Editor, The Journal of Digital Assets |
| 2018 - Present | Review Editor, Cybersecurity and Privacy (Frontiers in Big Data) |
| 2023 - 2024 | Deputy Director, Node for Inclusive FinTech (NiFT), Singapore University of Social Sciences |
| 2017 - 2020 | Lecturer, School of Business, Singapore University of Social Sciences |
| 2010 - 2012 | Teaching assistant, School of Information Systems, Singapore Management University (Information Security & Trust, undergraduate module, two terms) |
| 2008 | Teaching assistant, School of Electrical Engineering and Computer Sciences, Kyungpook National University (Communication Theory, undergraduate module, two terms) |
| 2007 | Industrial training (research), Information Security Research (iSECURES) Lab, Swinburne University of Technology, Malaysia |

Memberships and Professional Activities

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| 2011 | PhD workshop on Information Security & Trust (organizer, speaker), Singapore Management University |
| 2008 - 2009 | Seminar on Universally Composable Framework (main speaker), Kyungpook National University |

Research Interests

- Trust distribution
- Blockchain security and privacy
- Multimedia content security

Selected Publications

- David Kuo Chuen Lee, **Swee-Won Lo**, “NFT of NFT: Is Our Imagination the Only Limitation of the Metaverse?” Journal of The British Blockchain Association, June. [https://doi.org/10.31585/jbba-5-2-\(2\)2022](https://doi.org/10.31585/jbba-5-2-(2)2022).
- Jing Ren, Yimiao Zhang, Wenting Liu and **Swee-Won Lo**, “A Novel Recommendation System for Music NFT Marketplace”, the 22nd International Conference on Electronic Business, October, 2022
- **Swee-Won Lo**, Yu Wang, David Kuo Chuen Lee, “Blockchain and Smart Contracts: Design Thinking and Programming for Fintech (Singapore University of Social Sciences - World Scientific Future Economy)”. World Scientific Pub Co Inc., 2021.
- Caroline Lim, Yu Wang, Jing Ren, **Swee-Won Lo**, “A review of fast-growing blockchain hubs in Asia”, Journal of the British Blockchain Association, Vol. 2, Issue 2, 2019.
- Zhuo Wei, **Swee-Won Lo**, Yongdong Wu, Yanjiang Yang, Zheng Yan, Robert H. Deng, “Security of Scalable Video Coding: Encryption and Authentication”, in Cryptographic and Information Security: Approaches for Images and Videos, S. Ramakrishnan, Ed., CRC Press, 2019.
- **Swee-Won Lo**, Zhuo Wei, Robert H. Deng, Xuhua Ding, “On security of content-based video stream authentication”, 20th European Symposium on Research in Computer Security (ESORICS) 2015, pp. 366-383.
- **Swee-Won Lo**, Zhuo Wei, Xuhua Ding, Robert H. Deng, “Generic attacks on content-based video stream authentication”, IEEE International Conference on Multimedia and Expo Workshops (ICMEW) 2014, pp. 1-4.
- **Swee-Won Lo**, Zhuo Wei, Xuhua Ding, Robert H. Deng, “Demo paper: Generic attacks on content-based video stream authentication”, IEEE International Conference on Multimedia and Expo Workshops (ICMEW) 2014, pp. 1-2.
- Robert H. Deng, Xuhua Ding and **Swee-Won Lo**, “Efficient Authentication and Access Control of Scalable Multimedia Streams over Packet-Lossy Networks”, Security and Communication Networks, Vol. 7, Issue 3, March 2014, pp. 611-625.
- Yifan Zhao, **Swee-Won Lo**, Robert H. Deng and Xuhua Ding, “Technique for Authenticating H.264/SVC and its Performance Evaluation over Wireless Mobile Networks”, Special Issue of Journal of Computer and System Sciences, Vol. 80, Issue 3, May 2014, pp. 520-532.
- **Swee-Won Lo**, Raphael Chung-Wei Phan, Bok-Min Goi, “On the Security of an Online Submission and Review System (WSaR) for Cryptology Conferences”, Proceeding of Workshop on Information Security and Applications (WISA) 2007, LNCS 4867, Springer-Verlag, pp. 245-265, 2008.