

TEACHING

Teaching experience:

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MIS 450/550 IT Security and Forensics (undergraduate and graduate levels). Fall 2022 and Spring 2023. Topics: IT, IS, Network Security, Information Assurance, Digital Forensics. Teaching evaluation: **3.7/4.0 (Same for Fall 2023, Spring 2023)**. Average participation: **34.74%**.

MIS 480N/580N Emerging Issues and Cyber Security (undergraduate and graduate levels). Spring 2023. Topics: Connections between Cyber Security and Emerging Technologies (applied Machine Learning / Artificial Intelligence, Data Visualization, Big Data Analytics, Internet of Things). Teaching evaluation: **3.7/4.0 (Spring 2024, Spring 2023)**. Average participation: **51.85%**.

IS 3003 Principles of Information Systems for Management. Fall 2020 to Spring 2022. *Focus topics:* Data Analytics and Cybersecurity. Teaching evaluation: **4.5**

Thi Tran, An Vu, Sang Vo, Hong Nguyen (Under Review). A systematic literature review of efforts using Blockchain technologies to fight fake news. *Targeting Special Issue of Empowering Bright Internet and Bright Artificial Intelligence (AI), Decision Support Systems Journal*

Thi Tran, Rohit Valecha, David Han, & Raghav H. Rao (Under Review). How do Belief Intensity and Perceived Harms Impact Hesitancy in the Sharing of Vaccine Misinformation? *Information Systems Research*.

FORTHCOMING JOURNAL SUBMISSIONS

Tuan Chu, **Thi Tran**, Duy-Dang Pham, An Vu, Bao Do, Huan Nguyen (**Finalizing manuscript**). E-governance applicability and concerns: A case study of Yen Bai province in Vietnam. *Targeting top 6 Information Systems journals*.

Sumantra Sarkar, **Thi Tran**, Subimal Chatterjee. (**In progress**). Data breaches and reactions on social media: How the breach incidents can lead to emotions, sufferings and behaviors. (*Data processing and manuscript preparation for MIS Quarterly*).

IN PROGRESS PEER REVIEWED BOOKS AND BOOK CHAPTERS

Tuan Chu, **Thi Tran**, Duy-Dang Pham. (**Manuscript finalizing**). Invited Chapter: Smart Pricing and Sharing Economy. In book: *Advanced Technologies and Sharing Economy*, Springer.

Thi Tran, Duy-Dang Pham, Tuan Chu. (**Manuscript finalizing**). Invited Chapter: Cyber Security Issues and Sharing Economy. In book: *Advanced Technologies and Sharing Economy*, Springer.

Yu Chen, **Thi Tran**, Seden Akcinaroglu, Ekrem Karakoc. (**Finalizing proposal**). Book Proposal: Digital Flows and Social Changes: How Technologies Shape Human History Developments. Targeted publisher: Oxford University Press.

Seden Akcinaroglu, Ekrem Karakoc, **Thi Tran**, Yu Chen. (**Finalizing proposal**). Book Proposal: More Than Machines and Numbers: Technological Advancements and Concerning Social Impacts. Targeted publisher: Oxford University Press.

PEER REVIEWED CONFERENCE PROCEEDINGS PUBLICATIONS

Pranali Mandaokar, Thi Tran, Rohit Valecha, Govind Hariharan, Nagaan, an7g EMC /Srs. ar3(aH)9(w)jja:an a73(H)5

Xilin Zhang, **Thi Tran**, Lulu Al-Arfaj, Zeynep Ertem, and Sumantra Sarkar. (2023). Two Faces of Truth and Lie: The Vacillation of Misinformation from Information. *Proceedings of the International Conference on Secure Knowledge Management 2023*, September 22-23, 2023, Tempe, Arizona, USA.

Goel N., Patil V., Jadliwala M. (eds) SKM 2019. Communications in Computer and Information Science, vol 1186 (pp. 167-181). Springer, Singapore. https://doi.org/10.1007/978-981-15-3817-9_10

Thi Tran, Rohit Valecha, Paul Rad, Raghav H. Rao. (2020). Misinformation in Crises: A Conceptual Framework for Examining Human-Machine Interactions. *2020 IEEE / ITU International Conference on Artificial Intelligence for Good (AI4G)*, Geneva, Switzerland, 2020, pp. 46-50, doi: 10.1109/AI4G50087.2020.9311010.

Thi Tran, Rohit Valecha, Paul Rad, & Raghav H. Rao. (2019). Misinformation Harms During Crises: When The Human And Machine Loops Interact. *Proceedings of the 2019 IEEE International Conference on Big Data (Big Data)*, Los Angeles, CA, USA, 2019, pp. 4644-4646, doi: 10.1109/BigData47090.2019.9005561.

Thi Tran, Rohit Valecha, Paul Rad, & Raghav H. Rao. (2019). Taxonomy of (Mis)Information Harms in Humanitarian Crises. *Proceedings of the American Conference of Information Systems 2019*, Cancun, Mexico. 92. <https://aisel.aisnet.org/amcis2019/treo/treos/92>

WORK IN PROGRESS

Sumantra Sarkar, **Thi Tran**, Yu Chen. Digital Twins – A Design To Strengthen Metaverse Applications. (*Manuscript preparation, targeting Journal of Management Information Systems - JMIS*).

Thi Tran, Rohit Valecha, & Raghav H. Rao. False Claims Hurt: Examining Perceptions of Misinformation Harms during Black Lives Matter Movement. (*Manuscript preparation*).

Thi Tran, & Kim Kwang Raymond Choo. Applying Blockchain Technology in Fighting Fake News: A Survey. (*Manuscript preparation*).

Thi Tran. Blockchain Applications to Fight Fake News: An Applicability and Acceptance Investigation. (*Data collection*).

Thi Tran, & Paul Rad. Human

IN PROGRESS COLLABORATIVE RESEARCH GRANT PROPOSALS

Co-PIs: Seden Akcinaroglu, Ekrem Karakoc, Yu Chen, **Thi Tran**. (*Revising for Resubmission, with minor comments*). Digital Echo Chambers: Parasocial Interactions and Their Role in Radicalizing Narratives. *Invited proposal after screening white page*, submitted to: Department of Defense (DOD) Minerva . Funding opportunity number: HQ003424NFOEASD02.

Requested amount in 3 years: \$692,103.

PI: Seden Akcinaroglu; Co-PIs: Yu Chen, Ekrem Karakoc, and **Thi Tran**. (*Revising for Resubmission*). *National Science Foundation (NSF) Security Preparedness Program (SPP) proposal*. Submitted: August 12, 2023. Proposed timeline: Feb. 2024

Co-PIs: **Thi Tran**, Rohit Valecha, Raghav H. Rao. (**In progress**).

Programming: Python, R, Stata, SAS. Base, SPSS, Java, Javascript, SQL, Scala.

Project Management: MS Project Professional 2016, Gantt Chart, Earned Value Management, SDLC, Waterfall/Agile-Scrum, Agile-Planning Poker, UML diagrams, Requirement analysis.