



Dr. Prarinya Siritanawan (Nagano Campus)

Associate Professor

Graduate School of Science and Technology,
Department of Engineering, Informatics and
Interdisciplinary Systems Division

prarinya@shinshu-u.ac.jp

Research fields

Computer Vision
Machine Learning
Artificial Intelligence

Key Words

Affective Computing
Secure and Trustworthy Image Analysis
Human Visual Perception
Human-Computer Interaction

Subject of research on Data Science :

Trustworthy Human-Centric Image
Information Engineering

1. [Prarinya Siritanawan](#), Kasidit Chunchachawhankhun, Kazunori Kotani, Image integrity analysis under defense approaches against adversarial patches, in proc. International Workshop on Advanced Imaging Technology (IWAIT2025), Douliu, Taiwan, January 2025
2. Palakorn Kamnounsing, Karin Sumongkayothin, [Prarinya Siritanawan](#), Kazunori Kotani, "Adversarial Halftone QR Code," IEEE Access, vol. 12, pp. 126729-126737, doi: 10.1109/ACCESS.2024.3405408, 2024
3. Win Shwe Sin Khine, [Prarinya Siritanawan](#), Kazunori Kotani, "Compound facial expressions image generation for complex emotions," Multimedia Tools and Applications, 82(8), pp. 11549-11588, <https://doi.org/10.1007/s11042-022-14289-7>, 2023.
4. [Prarinya Siritanawan](#), Haruyuki Kojima, Kazunori Kotani, "Exploring the Cultural Gaps in Facial Expression Recognition Systems by Visual Features," in proc. IEEE TENCON2023, Chiang Mai, Thailand, October 2023.
5. Minh Tri Nguyen, [Prarinya Siritanawan](#), Kazunori Kotani, "Saliency detection in human crowd images of different density levels using attention mechanism," Signal Processing: Image Communication, Vol. 88, pp. 115976, 2020
6. Chule Yang, Danwei Wang, Yijie Zeng, Yufeng Yue, [Prarinya Siritanawan](#), "Knowledge-Based Multimodal Information Fusion for Role Recognition and Situation Assessment by Using Mobile Robot," Information Fusion, Vol. 50, pp. 126-138, 2019.