Appendix 2.2

Report of International Conference Presentation

Name: (Presenter)	Kanokvate Tungpimolrut
Affiliation:	National Electronics and Computer Technology Center
Project Title:	Visual IoT Network for Environment Protection and Disaster Prevention
Name of International Conference: (Link to website)	10th International Conference on Internet of Things, Big Data and Security (https://iotbds.scitevents.org/Home.aspx)
Title of Research Paper:	Smoke Segmentation Improvement based on Fast Segment Anything Model with YOLOV11 for a Wildfire Monitoring System
Name of all Co-authors (if any)	Puchit Bunpleng, Puthtipong Thunyatada, Bhutharit Aksornsuwan Kanokvate Tungpimolrut and Ken T. Murata

Comments or feedback received at the conference:

Q: Can your proposed technique be applied for smoke detection at night?
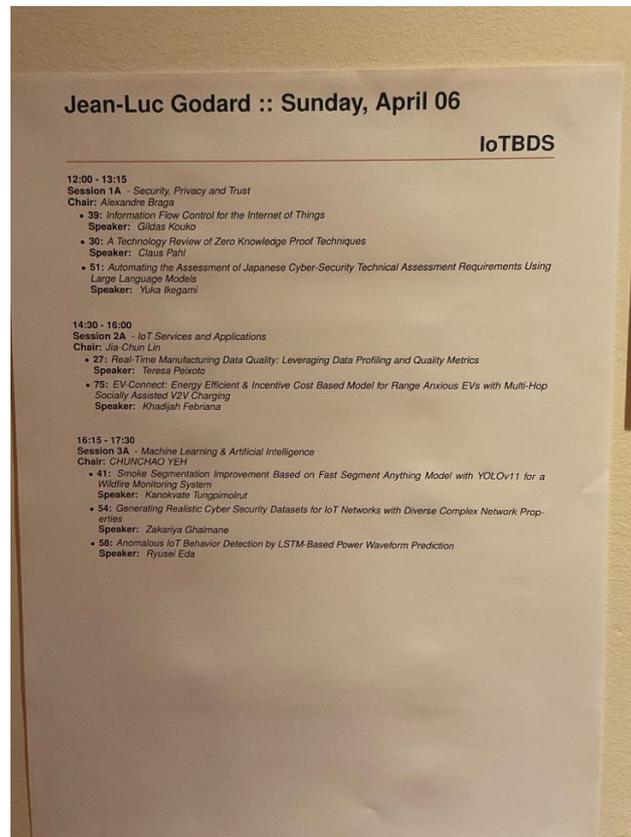
A: At this stage, our dataset only includes daytime images, so the technique cannot currently be applied for smoke detection at night.

Contribution to the project:

The content of the work in the presented paper serves as a progress on the Thailand side to implement an algorithm of smoke/forest fire detecting system based on Visual IoT in the project.

Photos

[Required Documents]

A) Presentation Materials (e.g., PPT slides)

B) Final Program of the conference

Reporter: ___Kanokvate Tungpimolrut_____

Date: _____11 Apr 2025_____