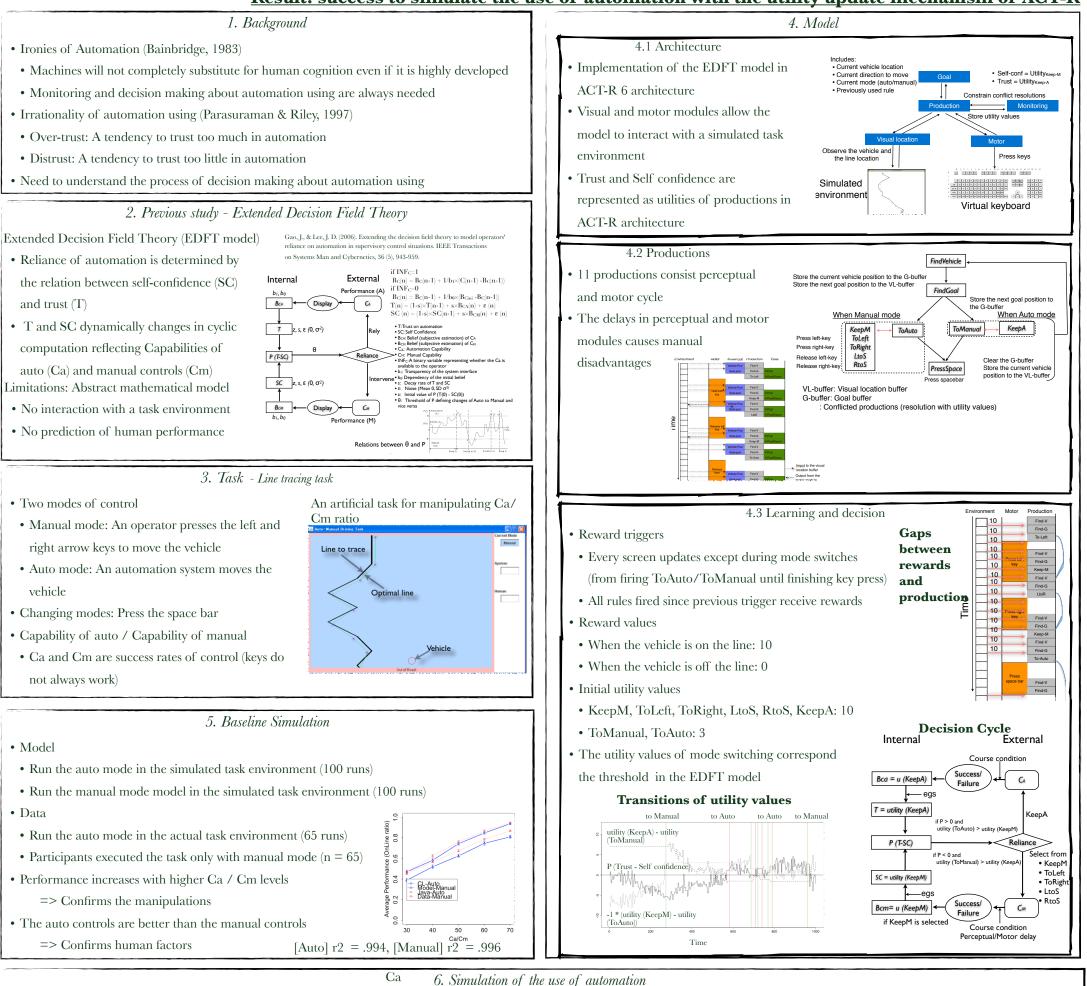
## **Modeling Decision Making on the Use of Automation**

Junya Morita (JAIST, Japan), Kazuhisa Miwa, Akihiro Maehigashi, Hitoshi Terai (Nagoya University, Japan), Kazuaki Kojima

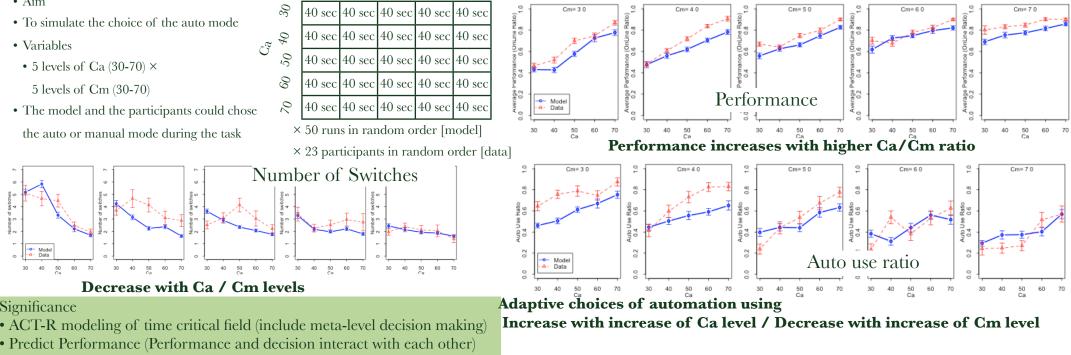
(Waseda University, Japan), Frank E. Ritter, (Penn State, USA)

## Goal: construct a model that makes decision of using an automation system through interaction with a task environment

## Result: success to simulate the use of automation with the utility update mechanism of ACT-R



• Aim



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