

Panel: Opportunities and Challenges of RISC-V in the AloT Industry

Moderator: Chen-Yi Lee (NCTU)

Ambassador Hotel, Hsinchu Taiwan

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RISC-V and AIoT

- RISC-V is an emerging instruction set architecture and quickly adopted in applications such as AIoT and many more due to openness, compactness, modularity, and extensibility
- With RISC-V ecosystem and its explosive growth potential, the future development is limitless.
- The panel will be focused on the opportunities and challenges RISC-V faces today.



國立立通大學

National Chiao Tung Universit Emerging AIoT Applications

Biomedical Applications













Video Applications









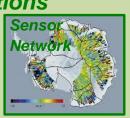
















, Other big data source

Communication













Application Service End



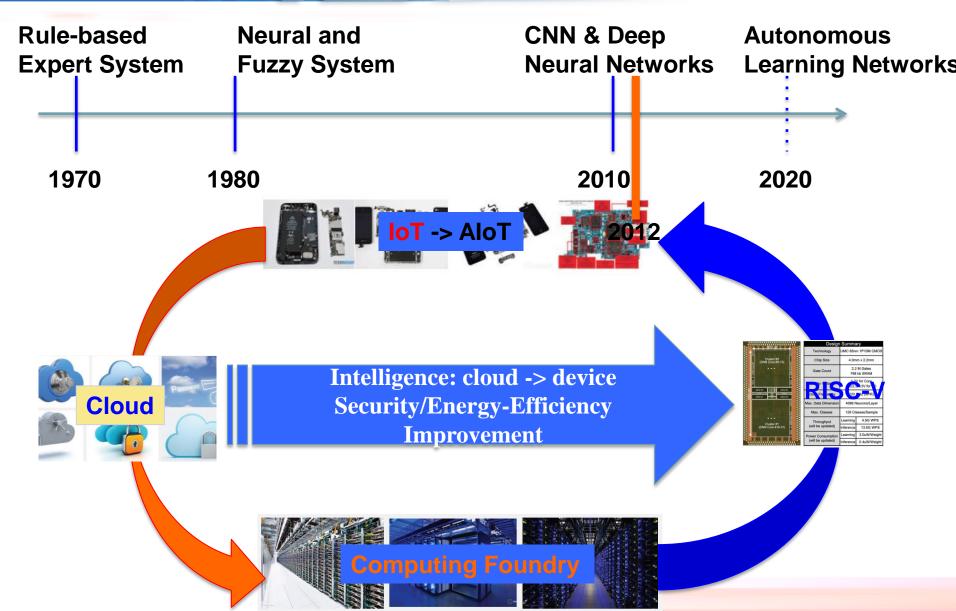
Healthcare center, social network, cloud service, analysis







Evolution in AIoT





Questions?

- (a) from IoT to AIoT, is RISC-V already well-prepared for the emerging market? If yes, which market will be the first target for RISC-V to come out successful stories?
- (b) how to promote RISC-V for the emerging market, especially other embedded processors are already there?
- (c) how to promote RISC-V in the industry so that end-users will consider "RISC-V" Inside as a brandname?
- (d) any technology roadmap for RISC-V so that user group will become larger and larger for end-product planning?



4 Panelists

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