

#### **CAPRI Annual Forum 2024**

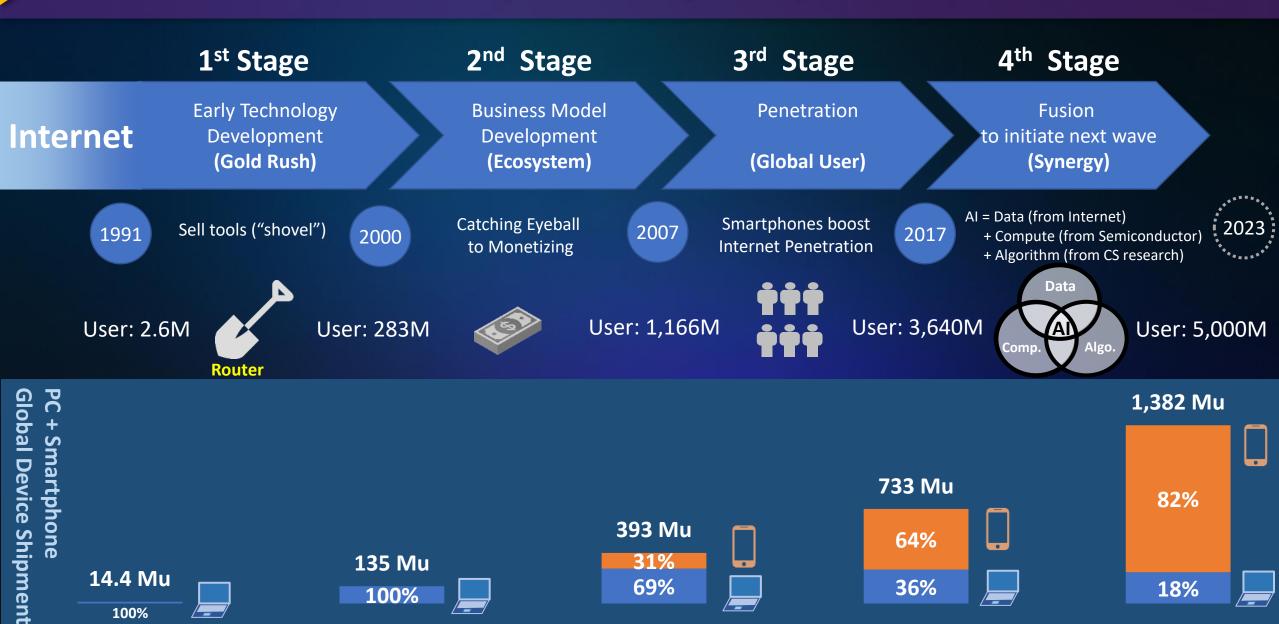
**Panel Discussion** 

# Impact of Al

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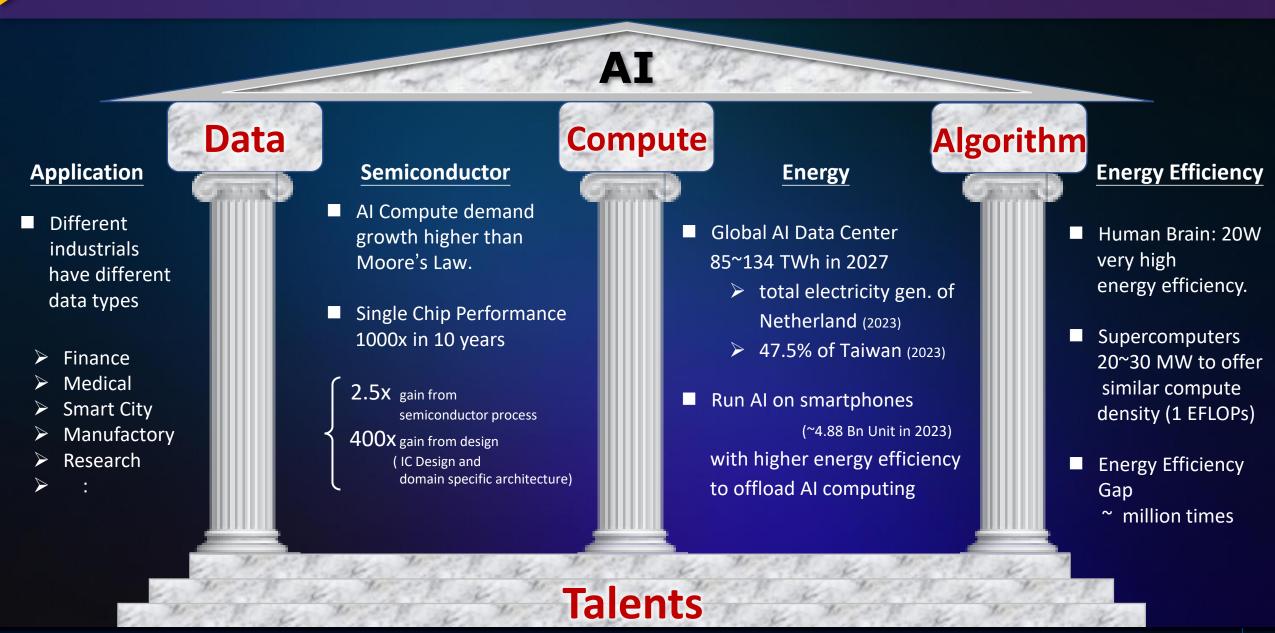
## **Internet** Tech Development Trajectory



## Al Tech Development Trajectory (Just in First Stage !!)

2<sup>nd</sup> Stage 3<sup>rd</sup> Stage 4th Stage 1<sup>st</sup> Stage Early Technology **Business Model** Penetration **Fusion** to initiate next wave Development Development (Gold Rush) (Ecosystem) (Global User) (Synergy) **Catching Eyeball** Sell tools ("shovel") 2017 boost penetration Next Tech = AI + ? + ?to Monetizing What Kind of What are **What Devices New Capability will Appear Business Models** to Lower Barrier when AI Tech Ready? to Create Positive to Use AI? **Economic Cycle for AI? ChatGPT** Nov. 2022 May 2024 180M 1M User **How to Fusion Al** How to Use Al **How to Boost** AI = Data (from Internet) with other Technologies to Increase **Al Penetration** + Compute (from Semiconductor) to Initiate Next Wave? **Productivity?** to Create + Algorithm (from CS research) **More Opportunities?** Here We Are !!

## Three Pillars of AI: Data, Compute, Algorithm



#### AI: Candidate Tech for New Industrial Revolution

Can AI significantly increase **productivity** for society and economy?

1<sup>st</sup> Industrial Revolution

2<sup>nd</sup> Industrial Rev.

3<sup>rd</sup> Industrial Rev.

(4th Industrial Rev.)



#### **Electricity**





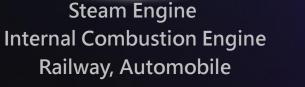
#### Light, Telephone, TV **Electric Motor Electricity Power Network**

### **Digital**

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IC, Computer, Internet Smartphone



**Large Language Models** Robots, Self-Driving Vehicle