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Flash Memory, IoT and AI - Bringing it All Together

EMBD 302B-1: PANEL DISCUSSION

Organizer

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Flash Memory Summit

Promise of IoT and AI for Business Outcomes

IoT == Internet of Things

- Interrelated devices
- Transferring vast amount of data over a network

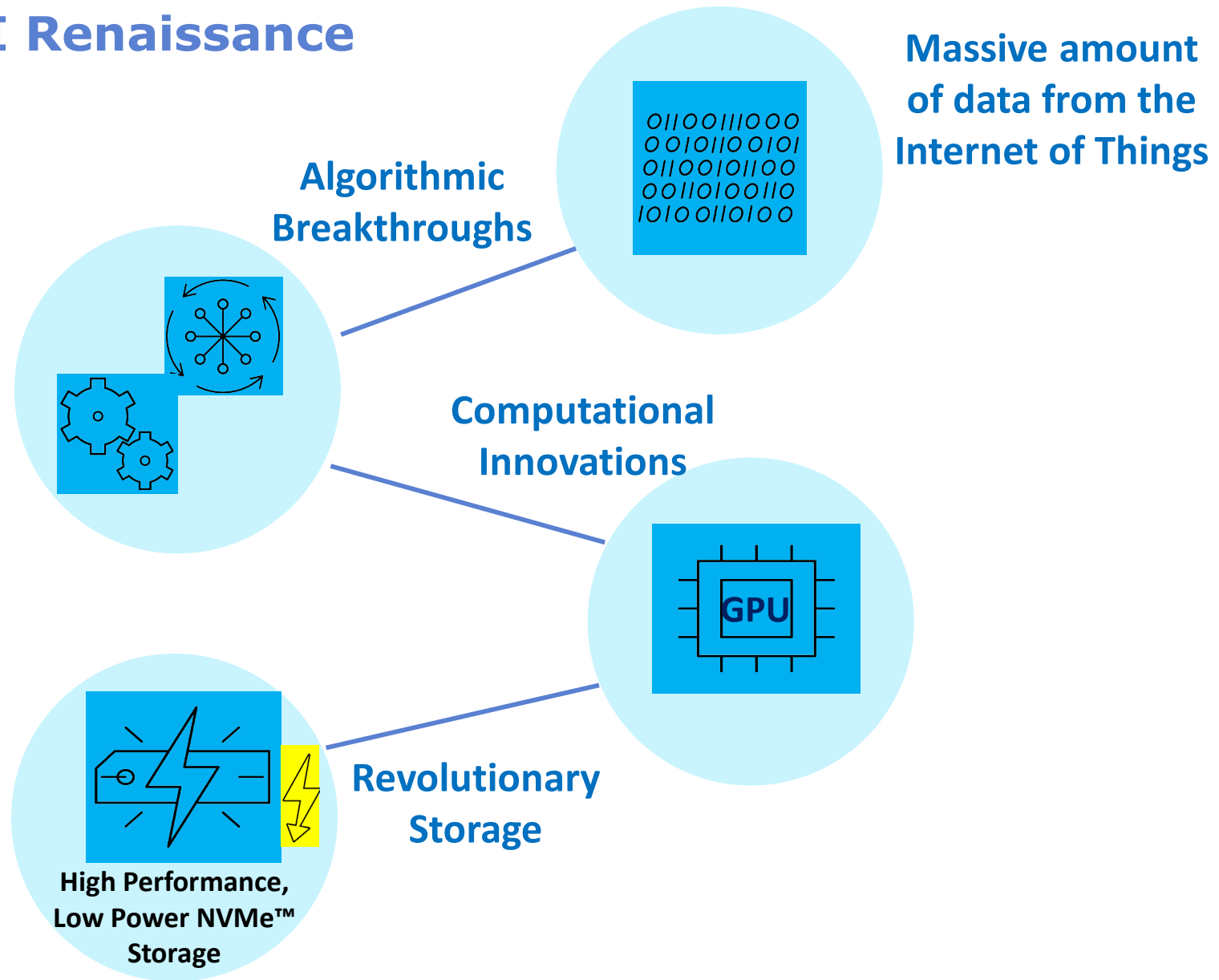
AIoT == Internet of Things + AI

The same features as bare IoT plus...

- Intelligent processing of large amount of data
- Self-learning instead of simple learning
- Self-monitoring and self-healing
- Autonomous complex decision making
- High predictive accuracy

- Artificial Intelligence provides businesses the framework and tools to go beyond trivial real-time decision and automation use cases for IoT
- AI will drive significant business outcomes instead of just performing basic business tasks

Drivers of the AI Renaissance



Panelists

- **Chanson Lin**, Founder/CEO, EmBestor Technology
- **Kiran Gunnam**, Distinguished Engineer - Machine Learning & Computer Vision, Western Digital
- **Andy Watson**, CTO, WekaIO
- **Scott Lawrence**, Director Business Development, Virtium Technology

Topics for Panel Discussion

	Topics	Presenter	Total Time
1	High performance flash storage enabling IoT and accelerating AI – at the edge, and in the data center/cloud	Andy Watson	~50 minutes
2	IoT and AI driving memory architecture changes for security and endurance	Scott Lawrence	
3	AI accelerators resolving major challenges for scalability of storage, network, and compute, and associated power consumption	Kiran Gunnam	
4	Ways to use high performance storage for IoT and AI from a best-fit point of view	Chanson Lin	
5	Flash memory for IoT/AI use cases in industry verticals – Autonomous Vehicles, Smart Medical Devices, Industrial Automation, Virtual Assistants, Search Engines, Social Networks, and Transportation	Andy Watson (Autonomous Vehicles & Smart Medical Devices) Scott Lawrence (Industrial Automation & Transportation) Kiran Gunnam (Virtual Assistants, Search Engines & Social Networks)	
6	Interactive Discussion	All	20 minutes



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Architecting Data Infrastructure for the Zettabyte Age