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TAOYAKA



未来を拓く地方協業プラットフォーム
HIRAKU
Home for Innovative Researchers and Academic Knowledge Users



Research Institute
for Nanodivice
& Bio-Systems
RNBS

International Linkage
Degree Program

for Developing Innovators
Transforming Advanced
Technology to Social Goals

HIROSHIMA UNIVERSITY

Hiroshima University Academic Lecture Meeting: A joint seminar for Five Graduate Schools
The 146th Taoyaka Program Seminar

Future of Memory Technology

Wed, June 12, 2019

Pre-registration
Required

FREE

Seminar

15:20-17:30

Library Hall at Central Library

Networking

17:40-18:40

La place –mermaid café



Seminar
1

15:20-16:00

Working in Manufacturing Industry
— Message for students and young / female researchers —

Nahomi Aoto, Ph.D.

Senior Director, Process R&D Program Management, Technology Development
Micron Memory Japan



Seminar
2

16:00-17:00

Future of Memory Technology

Naga Chandrasekaran, Ph.D.

Senior Vice President, Process Research and Development,
Micron Technology, Inc.



« Profile »

- 2017 ~ : Senior Vice President, Process R&D and Operations
- 2013 : Vice President, Process R&D - Operations and Process Technology
- 2011 : Senior Director, Process Technology & R&D Operations
- 2008 : Director • 2004 : Manager • 2001 : Process Engineer

« Seminar Outline »

Recent technology evolutions such as mobile devices, Big Data, AI, and autonomous car has been progressing with memory technology developments. New applications are supported by innovative semiconductor memory solutions with high performances. Both NAND and DRAM bit demand has been continuously growing consequently continuous technology progresses have been performed in both device areas. NAND demand growth is met by 3D-NAND scaling and that of DRAM is achieved by its ultimate scaling on 2D. Long term memory growth will be augmented by emerging memories including 3D XPoint™, the new 3D device, as well as by further innovations on NAND and DRAM. The necessity and impacts of memory technologies are increasing in semiconductor industry and society which are progressing with IoT, AI and other future applications predicted by science fiction but now the fact and reality of the world.

This seminar opens
to all HU students
and faculties.

<Register here >

URL: <http://bit.do/eSwam>

The seminar can be used for credit
as a joint seminar for Five Graduate Schools.

