Cooperation opportunities, i.e. potential international collaborations on emerging semiconductor technologies

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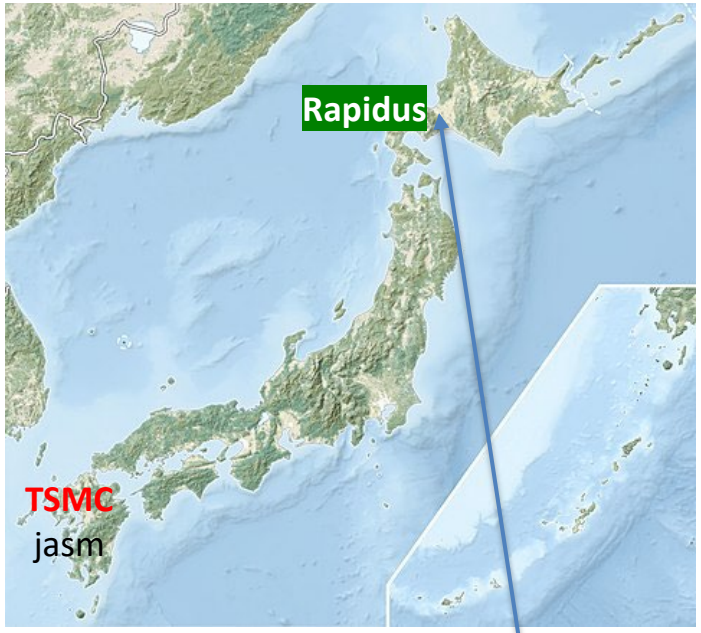
Agenda:

- ➢ Short statements of panelists: their organization´s (country´s) engagement in
- National Chips Act programs or/and their view on
- Cooperation opportunities, i.e. potential international collaborations on emerging semiconductor technologies



https://research.ibm.com/blog/rapidus-ibm-move-closer-to-scaling-out-2-nm-chip-production

北海道大学
HOKKAIDO UNIVERSITY

Cooperation opportunities, i.e. potential international collaborations on emerging semiconductor technologies

Shared User-facility Network

https://nanonet.go.jp/

Cooperation opportunities, i.e. potential international collaborations on emerging semiconductor technologies

Institute for Frontier Education and Research on Semiconductors, Hokkaido Univ.

IFERS Institute for Frontier Education and Research on Semiconductors

https://www.semicon.hokudai.ac.jp/en/

HOKKAIDO UNIVERSITY EN | JA

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Cooperation opportunities, i.e. potential international collaborations on emerging semiconductor technologies

The preparation of R&D platform to foster emerging research is underway.

Meanwhile, it is urgent to cultivate human resources aimed at implementing these results in society and creating innovation.

Europe has been, and will continue to be, an important destination for young Japanese researchers as an international cooperation partner, including exchange of human resources.

Cooperation opportunities, i.e. potential international collaborations on emerging semiconductor technologies

Step 1: Perform a gap analysis with existing standard projects and TC

Step 2: Propose new TC or project of digital twin for semiconductor

Step 3: Promote project proposals by young people in each country through ICOS (INPACE)

https://www.iso.org/standard/81442.html

https://www.iec.ch/dyn/www/f?p=103:7:::::FSP_ORG_ID:20486