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## The Hub is co-organizing an international event

By the end of 2022 the Hub is co-organizing an international event on Edge Computing. The event will take place on 5 December in Seattle, US

The Hub students have been invited to submit contributions to the event, which is organized by James Gross from KTH, and with Paul Pop on the TPC.

Contributions towards trustworthy edge computing systems and applications are encouraged

Notification of accepted papers is expected on 4 October.

Please also see the calendar with Hub events on the last page of this newsletter.

## The European chips Act

The Nordic countries report ready to follow up the Act

The European chips Act is an EU initiative intended to secure European production of, and access to, semiconductors. The budget of around EUR 40 billion includes support for research and testing centres, for the production of advanced technology, grants to small and medium-sized enterprises and the implementation of security systems that establish national competence centres – one hub in each country.

The discussion about these national hubs have already been initiated in the Nordic countries:

*In Sweden* the Act was on the agenda on the recent Almedalen Week, the problem was highlighted by Lund University's panel discussion on semiconductors. The debate was about the shortage of components, who might play a role in securing the national demand for semiconductors, and how Sweden could also help to improve the security of production for the rest of the EU. As well as Lund University, Vinnova – Sweden's Innovation Authority, RISE (Research Institutes of Sweden) and Volvo Cars all took part.

*In Finland* CSC (IT Center for Science) recognises the vital importance of semiconductor chips for the digital economy as well as the need to take action to ensure their availability in Europe. Therefore, Finland welcomes the EC's proposal for a European Chips Act and, in particular, its emphasis on research and skills as these are the most crucial elements of sustainable future prosperity and technological leadership for Europe.

**Aalto University**, FI
**Lund University**, SE
**Norwegian University of Science and Technology**, NO
**Royal Institute of Technology**, SE
**Technical University of Denmark**, DK

NordForsk

## The European chips Act cont.

While the emphasis on chips is welcome and appropriate, it should not draw too much attention or resources away from the development of other key technologies. Investments towards other technologies, such as High-Performance Computing, quantum, AI and data infrastructures, must remain on an adequate level despite any reallocations of EU funding.

*Denmark* have made public investment in facilities at DTU Nanolab, with research, innovation, and product development under one roof.

Also, a future NATO centre for research in quantum technology is planned on Danish soil, so under the auspices of NATO, the quantum chip of the future might be developed here? But it will require an expansion.

Finally, *Norway* is welcoming the initiative: Norway has innovative businesses and research environments in both microchips and sensor technology:

E.g. Nordic Semiconductor's low-power bluetooth chipsets and SensoNor producing world leading gyroscopes for space applications.

Please read more on our Hub web:

http://www.nordic-iot.org/news/

## Hub calendar

Several IIoT events are scheduled in the Autumn semester. Please consider joining one of these events:

The Seventh ACM/IEEE Symposium on Edge Computing
5 December, Seattle, US

Scandinavian conference on System and Software Safety
22-23 November, Gothenburg

AI Day 2022
16 November, Aalto, Espoo

TECoSA Seminar – Efficient Inference at the Edge
3 November, 15:00–16:00 (Virtual)

TECoSA Seminar –Control Systems in the presence of Computational Problems
6 October 15.00-16.00 CET (Virtual)

http://www.nordic-iot.org/events-page/