

Fourth year progress report approved by NordForsk

Last week we were informed that the IIoT Hub progress report for 2021 was approved by NordForsk. This means that we now focus on Hub activities utilizing the network established across the five universities, i.e. encourage the students to take advantage of the joint lab facilities across the partners. At the same time our professors will make use of the shared course modules to establish new innovative courses.

For the same reason we strongly recommend our PhD students to make use of the jointly available labs across the Hub partners. i.e. consider visiting the other universities to get access to the knowledge and equipment offered across the Hub.

Following the pandemic we are happy to see that many of our students are pursuing these possibilities.

Two DTU students visiting NTNU

Two DTU students (Kalpit Dilip Ballal and Rendlesham Singh) spent a few weeks in Trondheim to exchange current knowledge on 5G applications. The stay at NTNU was very productive and fruitful for their PhD projects.

The main idea behind the visit was to discuss possible research collaborations between DTU and NTNU in the field of 5G Low Latency Command and Control Applications in the field of industrial robotics and drones.

The stay also helped them discuss concrete steps for several experiments, which will enable them to understand the state of the art in commercial 5G across countries. The collaboration further continued to include some of the industry partners in Norway and Denmark to deploy a long-distance testbed for different IIoT applications.

The HI2OT group at NTNU was very helpful and supportive in the day-to-day activities. They were even invited for several tours around different labs and university campuses. To the students considering working in industrial robotics, 5G, etc. we would highly recommend considering a stay at NTNU says Kalpit and Radheshyam.

Kalpit and Radheshyam enjoyed two weeks at NTNU exploring 5G applications

Hub meeting at KTH

On 10 June the Hub partners will meet at KTH to discuss how Digitalization can support the green transition.

The director of KTH's new climate action center, Francesco Nerini will give a talk during the meeting

The aim of the meeting is to establish the ground for an innovative EU Training Network proposal gathering the knowledge build up in the Nordic IIoT Roadmap that was developed during the pandemic.

The KTH Climate Action Centre is a multidisciplinary research centre working on speeding up climate action in synergy with the UN Sustainable Development Goals.

Upcoming IIoT Events

A number of IIoT events are scheduled before the summer vacation. Please consider joining one of these events:

- HIPEAC Conference
20-22 June, Budapest
- Ph.D. Course on Scientific Machine Learning
13-17 June, 2022, DTU
- TECoSA Seminar – Wearable Cognitive Assistance: Vision, Reality and Challenges
2 June, 13.00-14.00 (Hybrid)

- Aalto FCAI: AI for Sustainable Energy and Heating
31 May, 2022 (webinar)
- WASP4ALL Conference 2022 (virtual)
30 May, 2022
- Robots on land and in the air (in Danish)
19 May, 13.00-17.00, Stauning Airport, Denmark

Please consult <http://www.nordic-iiot.org/events-page/> for more information.

Student statistics

(Copied from last newsletter with corrected figures!)

The Hub started in January 2018 with 28 PhD students. Regular enrolments increased the affiliated number of students to today's 54.

- Networking
- Fog/Edge computing
- Cloud computing
- Data analytics & machine learning

The students are grouped in four thematic areas:

Currently 17 Hub students have finished their dissertation.

