

INCOM NEWSLETTER 41; FRIDAY AUGUST 21ST 2020

RADIO INTERVIEW – R4DIO

INCOM was yesterday on live broadcast on R4dio where Niels Hersoug joined a panel discussing ways of living with the internet without destroying the Earth. The message conveyed is that the internet has a CO₂ liability but indeed also is part of the solution. Already now CO₂ emitted from using the internet is offset by a factor 1.5 by less outlet other places because the internet is making the society more efficient. Listen to the programme 'Udfordringen' in Danish [here](#) from R4dio, August 20th, 2020.

PUBLICATION

The group in Tasks 2.2. and 2.3 has developed a novel scheme enabling fast decoding of Forward error- correcting (FEC) codes for optical communication. The work will be reported in the paper Fast SD-Hamming Decoding in FPGA for High-Speed Concatenated FEC for Optical Communication at the IEEE Globecom conference at the end of the year.

LAB UPDATE

The concept of IoT is no longer new to the world and has been adopted by people from all walks of life. With many applications and diverse network connectivity technologies in place, it is therefore becoming more challenging to interconnect the devices. For this reason, the INCOM laboratory in collaboration with Develco Products will be equipped with a novel type of IoT testbed where we study the impact of different IoT applications on a network. The applications include smart home devices from Develco Products for home monitoring, in-house developed connected hand sanitizer dispenser to comply with the Danish health guidelines, and a connected insole for diabetic patients. All the devices will communicate with the backend server through Develco Products' multiprotocol box.

INCOM PROOF-OF-CONCEPT

We have with thanks received 3 applications for the 2020 Proof-of-Concept call of DKK 500.000. The INCOM Advisory Board will evaluate the applications and provide recommendations to the INCOM Steering Committee who will make the final decision. The result will be announced, once the decision is made and by no later than the end of September 2020.

CALL FOR GRANT TO COVER FOR INCOM RELEVANT IPR EXPENSES

Task 4.2 IPR-Management is calling for proposals from the INCOM partners asking for grants to cover for relevant INCOM IPR expenses. You can this time apply for one grant of DKK 50.000, - if you apply by mail to Charlotte Melgaard Larsen before September 15th, 2020. You can read more [here](#). A similar call will be made around December 1st 2020, March 1st and June 1st 2021. (Grant includes university overhead)

CALL FOR GRANT TO COVER FOR INCOM RELEVANT TRAVEL EXPENSES RELATED TO STANDARDIZATION

Task 4.6 Standards is calling for proposals from the INCOM partners asking for grants to cover for relevant optional travel expenses in relation to your activities on standardization. You can this time apply for one grant of DKK 28.800, - if you apply by mail to Charlotte Melgaard Larsen before September 15th, 2020. You can read more [here](#). A similar call will be made around December 1st 2020 and March 1st 2021. (Grant includes university overhead)