

NEW TEAM MEMBER WITHIN TASK 4.4

On September 15th **Siqi Yan** has joined INCOM / DTU Fotonik. Siqi was born in Shiyan, which is a beautiful city in the center of China. He obtained both his bachelor and PhD degree in Huazhong University of Science and Technology, majoring photonics engineering. As a visiting PhD student, he studied the efficient graphene micro heater with silicon photonic crystal waveguide during his stay at DTU Fotonik from 2015 to 2016. This work has been published in Nature Communications - the highlight of his academic career so far. After Siqi finished his PhD study in 2018, he gained one-year working experience in Huawei as a senior engineer. Now Siqi has returned to DTU Fotonik, being employed for 20 months as a postdoc where he will focus on studying high performance of graphene-silicon photodetector as well as its possibility of commercialization.

NEW TEAM MEMBER WITHIN TASK 3.4

On October 1st **Ali Marandi** started as a postdoc in the INCOM project at AU, Department of Engineering – Networks and Analytics. Ali will help the INCOM project in task 3.4 concerning IoT security. Ali Marandi pursued the PhD studies at the Institute of Computer Science, University of Bern, Switzerland. His research interests revolve around Internet of Things (IoT) security, Information-Centric Networking, routing and Information dissemination, cache networks, mobility networks, network coding, and machine learning.

INCOM PRESS**Ingeniøren**

INCOM is covered in the Danish “Engineer’s Weekly”, Ingeniøren, in their Friday, October 4th journal issue, page 14. Title: ‘Grundforskning skal bane vejen for et grønnere internet’ (Fundamental research creates a greener internet). People with access to the online newspaper of “Engineer’s Weekly” will have free access to the article [here](#).

Zetland

New story about public data based on calculations made by Prof. Leif Oxenløwe and colleagues, written by Zetland journalist Theis Ehler Molin. You can read the article in Danish [here](#).

DTU High Tech Summit Newspaper

INCOM article on the green optical revolution. The Danish Communication Cluster is ready for the challenge. You can read more [here](#).

INCOM PRESENTATION AT EUROPEAN MICROWAVE WEEK IN PARIS

Guillermo Silva Valdecasa, PhD student at DTU Elektro and Bifrost Communications have had his first ever conference presentation at the European Microwave Week during this week. The European Microwave Week is the largest event related to RF & microwave, wireless and radar in Europe and this year it is taking place in Paris from the 29th September to 4th October. The European Microwave Week consists of three technical conferences: European Microwave

Integrated Circuits (EuMIC), European Microwave Conference (EuMC) and European Radar Conference (EuRAD). Guillermo presented a paper titled “A 2-38 GHz Linear GaAs pHEMT TIA for a Quasi-Coherent Optical Receiver” at the European Microwave Integrated Circuits conference. The topic of the presentation was a transimpedance amplifier implemented in GaAs pHEMT technology, which is developed as part of the INCOM project. The transimpedance amplifier is designed specifically to be applied in the quasi-coherent optical receiver being developed at Bifrost Communications and covers the largest transimpedance gain and highest frequency range for any GaAs HEMT based TIAs. Guillermo’s talk was very well received and accommodated many questions from the audience.

REMEMBER TO SIGN UP FOR HIGH TECH SUMMIT

Join the INCOM Conference Track at [DTU High Tech Summit](#), October 30th

Green Internet – INCOM Project (1) - Time: 10.45-12.30

Green Internet – INCOM Project (2) - Time: 14.30-16.15

Registration is open and you can sign up for the two INCOM sessions [here](#)

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Ørstedes Plads, bldg 340
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