This issue represents the involved project activities from October to December 2019. During this period, the ESRs based in Barcelona attended to IEEE ComSoc Autumn School and IoT Solution World Congress. Moreover, during this period one of the ESRs presented his paper at IEEE GLOBECOM 2019.

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IoT Solution World Congress
29-31 October 2019 - Barcelona, Spain

The IOTSWC is the largest IoT event in the world to get inspired with new ideas, solutions and people. A unique event dedicated exclusively to joining IoT providers with industry in order to help the latter increase productivity via this disruptive technology. Since it is first edition back in 2015, the event has grown to become the global reference for industrial IoT, and the annual meeting for industry stakeholders to establish new partnerships.

The ESRs from Iquadrat, Mohammadreza Mosahebfard and Massimilano Maule, and the ESRs from CTTC, Farhad Rezazadeh and Michail Dalgitsis, attended this interesting event, where the best minds in the industry were brought together to discuss hottest topics during 3 days in the IoT business. Experts, key players and technology solution providers from the industry, present use cases on key topics, and illustrating how solutions are affecting today and tomorrow's industries. The ESRs from Iquadrat and CTTC attended this interesting event.

IMCL 2019 Conference

1 November 2019 - Thessaloniki, Greece.

The ESR from III-V Lab, Kebede Tesema Atra, presented his paper Titled "25 Gb/s Colorless Transmitter Based on Reflective Electroabsorption Modulator for Ultra-dense WDM-PON Application", at the International Conference on Interactive Mobile Communication Technologies and Learning.

IEEE ComSoc Autumn School

5-8 November 2019 - Castelldefels, Spain

The IEEE ComSoc Autumn School on Network Slicing and Data-Driven Communication was held on 5-8 November 2019 at CTTC. This edition was designed to help kick-start the careers of new professionals, Ph.D. candidates, in wireless communications. The school program consisted of lectures by world leading professors, industry leaders and executives that focus on applications in specific industries including: 5G cellular wireless networks, network slicing, data analytics, data-driven communication, software-defined networks (SDN), network functions virtualization (NFV), and vertical applications.

The ESRs from Iquadrat, Mohammadreza Mosahebfard and Massimilano Maule, CTTC, Farhad Rezazadeh and Michail Dalgitsis, and OTE, Shafiullah Malekzai attended this school.

IEEE GLOBECOM 2019

December 2019 - Waikoloa, HI, USA

The IEEE Global Communications Conference (GLOBECOM) is one of the IEEE Communications Society's two flagship conferences dedicated to driving innovation in nearly every aspect of communications. Each year, more than 3000 scientific researchers and their management submit proposals for program sessions to be held at the annual conference. After extensive peer review, the best of the proposals are selected for the conference program, which includes technical papers, tutorials, workshops and industry sessions designed specifically to advance technologies, systems and infrastructure that are continuing to reshape the world and provide all users with access to an unprecedented spectrum of high-speed, seamless and cost-effective global telecommunications services.

Massimiliano Maule, the ESR from Iquadrat, presented his paper at the "5G" symposium. He presented his work on Real-time Dynamic Network Slicing for the 5G Radio Access Network representing a hot topic for the future 5G network system.

There, he had the chance to interact with institutions, research canters and companies that are working on innovative solutions for the 5G network.
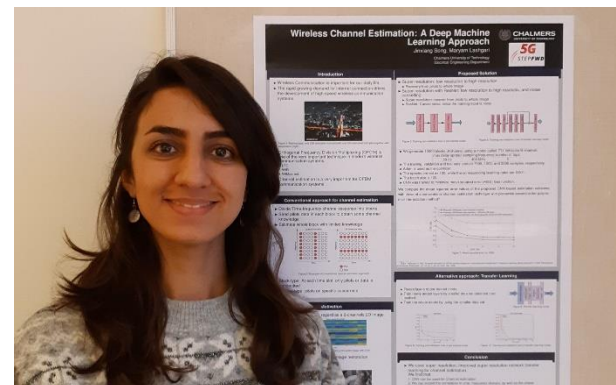
Secondments

Mr. Kebede Tesema Atra, the ESR from III-V Lab, started his secondment at the Aristotle University of Thessaloniki from November 2, 2019. His main activities will be focused on analogue radio over fiber (ARoF) transmission with a fiber-wireless capability.

Public talks

The ESR from OTE, Shafiullah Malekzai has presented his first public talk during the training school titled "Emerging Technologies for 5G Networks" on September 9 in Thessaloniki , Greece. He also presented his second public talk at InfoCom 2019 2019 on November 26 in Athens titled "Fronthaul optical architectures for transporting high bit rates of mobile networks".

Maryam Lashgari has also given a public talkduring the "Workshop on Deep Machine Learning" on October 30 at Chalmers University of Technology. The title of her poster and talk was: "Wireless Channel Estimation: A Deep Machine Learning Approach".

Emerging Technologies for 5G Networks School

10-13 September - Thessaloniki , Greece

The ESRs from AUTH, Eugenio Ruggeri and Farooq Umar, and OTE, Shafiullah Malekzai, participated this training school, which was mainly focused on Passive optical networks and Fiber-wireless (FiWi) access networks.