



TeamUp5G Newsletter

July 2021

PROGRESS MEETING 5 (PM5)

TeamUp5G coordinated their fifth progress meeting (PM5) in an online manner. Firstly, a review to check whether the goals set in PM4 were met. Next, the current status of the work packages was explained by the respective leaders and decisions on foreseen goals were made. Last, other businesses and next actions were discussed.



TELECONFERENCE (BB COLLABORATE), FEBRUARY 11, 2021

WORKSHOP ON ETHICS AND INCLUSIVENESS FOR TELECOMMUNICATIONS

The TeamUp5G Workshop on Ethics and Inclusiveness for Telecommunications Engineers focused on the ethical and inclusiveness issues that telecommunications engineers may face during their career. Some talks were related, but not limited to the European Code of Conduct for Research Integrity and Ethics Issues, the “Amatista” project, the education and employment of women in science and technology. Some initiatives such as the “No more Matildas”, the “STEM4GirlsUC3M”, the “Son pioneras” and the “Women in AI” were also revised. The experience of a female researcher in telecommunications was also presented to the audience. Last, the documentary “Picture a scientist” was visualized by the audience.



ONLINE, MARCH 2-4, 2021

ONLINE TALK ON “HOW TO IMPROVE YOUR SKILLS ABOUT RESEARCH METHODS – THE JOURNEY TO ITHACA”

The online talk by Dr. Traci Nathans-Kelly and Prof. Periklis Chatzimisios was focused on providing different tips to improve the skills to prepare a scientific paper.

Dr. Nathans-Kelly has taught engineering and technical communication courses since 1997. She currently teaches in Cornell University’s College of Engineering (USA) in the Engineering Communications Program. In 2014, based on her extensive work in the field of presentation design, she co-authored the book “SlideRules: Design, Build, and Archive Presentations in the Engineering and Technical Fields” with Christine Nicometo, published by IEEE-Wiley. Her upcoming certificate course through eCornell focuses specifically on engineering and technical presentations for practicing professionals. As well, she co-authored IEEE’s “English for Technical Professionals” online course. Previously, she worked at the University of Wisconsin-Madison’s College of Engineering (USA) in the Technical Communication program. She serves on the IEEE Educational Activities Board in the Continuing Education division, and she is on the Editorial Board for IEEE’s Teaching Excellence Hub.

ONLINE, FEBRUARY 19, 2021

OUTREACH: SMART TECHNOLOGY PILLARS OF 5G & BEYOND

ESR9 Nidhi gave a talk about “Towards future communication networks: Paradigm shifts and enabling technologies.” during FDP on “Smart Technology Pillars of 5G & Beyond” as a Resource Person.

WEBINAR, 29TH JANUARY 2021

OUTREACH UNIFERIAGRADO

UNiferiaGrado is a virtual fair for undergraduate university studies that brings together the main universities in Spain. Ana García Armada (Project Leader) was in charge of the talk “Mobile Communications”, which was held inside the main event “UC3M4Teens: meetings to awaken vocations”.

WEBINAR 23RD FEBRUARY 2021

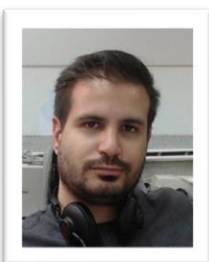
PUBLICATIONS IN JOURNALS

- R. R. Paulo, and F. J. Velez, “An Extensive Study on the Performance Evaluation and Scheduling of HeNBs”, in IEEE Access, vol. 9, pp. 40098-40110, March 2021, 10.1109/ACCESS.2021.3064462
- Nidhi, A. Mihovska, and R. Prasad, “Spectrum Sharing and Dynamic Spectrum Management Techniques in 5G and Beyond Networks: A Survey”, in Journal of Mobile Multimedia, February 2021, doi: <https://doi.org/10.13052/jmm1550-4646.17133>
- R. R. Paulo, F. J. Velez, and B. Khan, “Study of Indoor Small Cell Deployments”, in Journal of Mobile Multimedia, February 2021, doi: <https://doi.org/10.13052/jmm1550-4646.171317>

JANUARY TO JUNE 2021

For More Details [here](#)

New Onboard ESRs



ESR 11: New Interference-Based Dynamic Channel Access Algorithms for Ultra-Dense Small Cell Deployments

Daniel Medda

PhD Enrollment: International Hellenic University

For ESRs Details [here](#)

UPCOMING EVENTS

Massive Online Course on Ultra-Dense Networks for 5G and its Evolution

This MOOC is under preparation with the participation of all the TeamUp5G early researchers and several supervisors.

The MOOC will be integrated by 6 modules focused on the following subjects:

Module 1 – Ultra-dense networks and small cells

Module 2 – New transmission technologies

Module 3 – Interference management and energy efficiency

Module 4 – Spectrum sharing and carrier aggregation

Module 6 – The future ahead

ONLINE, AUTUMN 2021

Online Talks

The following online talks will be held this Autumn 2021:

Online talk on “How to contribute to standard”

Online talk on “Training on Standards”

Online talk on “Writing your thesis”

ONLINE, AUTUMN 2021

Summer School about “Massive IoT and business creation/innovation together with 1st Training on Standardization”

ONLINE, AUTUMN 2021

TeamUp5G project has received funding from the European Union’s Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie project number 813391.

Further information on [here](#)

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