



FUTEBOL: Federated Union of Telecommunications Research Facilities for an EU-Brazil Open Laboratory

Newsletter #4, May 2018

Welcome Back to FUTEBOL!

The EU-BR FUTEBOL project is establishing research facilities (testbeds) in both Europe and Brazil to advance research and innovation on the convergence of wireless-optical telecommunication networks. This will lead to enhancements to commercial products and services, telecommunications business models, and education, thus generating a positive impact on society.

The FUTEBOL project is now on its second year of research and development. This newsletter highlights a best paper award, the Open Call selection results, along with some dissemination activities. Also an eye is given to the second year review.



EWSN 2018

February 2018

FUTEBOL project was presented in an industrial panel at the International Conference on Embedded Wireless Systems and Network (EWSN), that was held in Madrid, Spain.

This year the featured topic was "Sustainable Embedded Wireless Systems", with contributions that were aimed to contain the energy cost and the carbon footprint of embedded wireless systems.

EUBrasilCloudForum

April 2018

From January 2016 until July 2018, the EUBrasilCloudFORUM project has been charged by the EC and MCTIC to support the EU-BR collaborative projects in the collection and promotion of their results and activities.

The purpose of the concertation meeting in Brasília was to present the final version of the Research Roadmap and discuss future actions to foster collaboration between Europe and Brazil.

WRNP 2018

May 2018

Promoted since 1999, the RNP Workshop (WRNP) aims to bring the public closer to the technological advances and main topics under discussion in the area of research and development of Information and Communication Technologies (ICT), inside and outside Brazil.

This year was the 19th edition, and the FUTEBOL project participated in this event along with other Brazilian partners, presenting EU-BR Coordinated Call projects.



Best Paper Award

FUTEBOL related demo has been awarded as the best demo in the INFOCOM Workshop CNERT 18 - 5th International Workshop on Computer and Networking Experimental Research Using Testbeds, in Honolulu, USA.

During the 2018 edition of INFOCOM Workshop CNERT 18, our FUTEBOL related demo "A Virtual and Physical Demonstration of The CityLab Testbed: Smart Lighting and Interference Prediction in a City" - authored by Jakob Struye, Bart Braem, Steven Latre, and Johann Marquez-Barja - has been awarded with the best demo award.

Congrats to our colleagues from University of Antwerpen (imec), led by Prof. Johann M. Marquez-Barja, who is technically coordinating the FUTEBOL project.





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Open Call

The Open Call was launched in the end of August. The call was addressed to anyone interested to use the methodologies and tools that have been developed within the FUTEBOL project, in order to conduct original research in networking and telecommunications, especially in the integration of optical and wireless technologies.

Three proposals have been selected for advanced support. These include:

- Testing Adaptive Scaling for Evolved Packet Core in the FUTEBOL Research Infrastructure - Universidad del Cauca, Colombia
- NovaGenesis - ICT Lab, Inatel, Brazil
- AAHCCaVI: Adaptation Aware Hybrid Client-Cache; a smart pre-fetching scheme for DASH for Regular Videos and Immersive Contents - University of Missouri-Kansas City, USA

While the proposals:

- Evaluating Wireless Body Area Network MAC Protocols Power Consumption (WBAN) - Federal University of Viçosa, Brazil
- Experiments in Cognitive Radios - Federal University of Lavras, Brazil

Have been selected for basic support.

This an important step for the project because experimenters may test the resources available in FUTEBOL's testbeds and the control framework and provide their feedback. Results shall appear starting from October 2018.



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Second Year Review

The FUTEBOL's second year review is approaching. In the next 31st May to 1st June the FUTEBOL consortium will meet with the reviewers from both Europe and Brazil in Dublin, Ireland.

The first year review was an important milestone for the whole project and it was a great success, with only minor deviations from the initial plan.

Since then, two plenary meetings of the project occurred: one in Lisbon and another in Belo Horizonte. These meetings established the research path, and with it new and interesting results appeared, that were published and presented to the scientific community in some of the most important and well-known international venues, during the last year.

Now it is time to show that results to the reviewers!



Consortium



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