

Madrid, Spain, June 20, 2019

Innovalia Group joins co-creation laboratory 5TONIC

Exploring the use of 5G for metrology applications

The objective of this collaboration is the experimentation of 5G technologies in the context of Metrology 4.0 Zero Defect manufacturing (ZDM) services and solutions for Industry 4.0. For these purposes, Innovalia will contribute to the collaboration providing access to Metrology 4.0 equipment, digital manufacturing platforms and a team with the ability to balance 5G development needs with current and future metrology services. Some of these activities will be funded by the recently granted Horizon 2020 European project [5Growth](#), where Innovalia and several [5TONIC](#) members are partners.

Working alongside 5TONIC member companies Telefónica, Ericsson, IMDEA Networks and University Carlos III Madrid, Innovalia will test the use of the 5G networks for improving metrology applications in factories, taking advantage of the flexibility, reliability and high capacity of the generation of mobile communications.

Innovalia has grown and developed its business in four areas: Consulting, Metrology, Information Society and Technological Development. The mission of Innovalia is to become an international reference on these areas, through the development of new highly technological products and the execution of projects based on open and flexible collaboration between cooperating companies and their multidisciplinary capacities.

“Innovalia is a great new collaborator for 5TONIC in our objective of helping the industry to benefit from the adoption of 5G technologies in their processes,” said Arturo Azcorra, 5TONIC vice-chairman. “Their cooperative approach to innovation, as well as their extensive experience in European projects, fit very well with the spirit of the lab.”

Oscar Lázaro, Managing Director of Innovalia Association, the research lab of the Innovalia Alliance, said: “For innovalia, participating in 5TONIC is an opportunity to continue evolving our products incorporating technology developed in highly innovative environments”

About Innovalia

Innovalia is a strategic alliance of companies with a technological base, which begins in 2000, consolidating business activities and development of seven companies with a technological base and more than 30 years of experience. Innovalia has a philosophy based on three fundamental pillars: innovation, technology and internationalisation. Innovalia has grown and developed its business in four areas: Consulting, Metrology, Information Society and Technological Development. The union of the different characteristics of the group allows Innovalia to develop a strategy to design and implement projects in a flexible way with the creation of multidisciplinary teams.

About 5TONIC

5TONIC was initiated by Telefónica and IMDEA Networks Institute with a clear vision to create an open research and innovation ecosystem laboratory in which industry and academia come together to boost technology and business innovative ventures. The laboratory promotes joint project development, joint entrepreneurial ventures, discussion fora, events and conference sites, all in an international environment of the highest impact. 5TONIC serves to show the capabilities and interoperation of pre-commercial 5G equipment, services and applications, by leading global companies in the 5G arena. The laboratory was recently awarded Digital Innovation Hub status by the European Commission.

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Traducción al español:

[/noticias/2019/grupo-innovalia-se-une-al-laboratorio-co-creacion-5tonic](#)

Original source:

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About Us

IMDEA Networks Institute is a **research organization on computer and communication networks** whose multinational team is engaged in cutting-edge fundamental science and technology. As a growing, English-speaking institute located in Madrid, Spain, IMDEA Networks offers a unique opportunity for pioneering scientists to develop their ideas. IMDEA Networks has established itself internationally at the forefront in the **development of future network principles and technologies**. Our **team** of highly-reputed researchers is designing and creating today the networks of tomorrow.

***Some keywords that define us:** 5G, Big Data, blockchains and distributed ledgers, cloud computing, content-delivery networks, data analytics, energy-efficient networks, fog and edge computing, indoor positioning, Internet of Things (IoT), machine learning, millimeter-wave communication, mobile computing, network economics, network measurements, network security, networked systems, network protocols and algorithms, network virtualization (software defined networks - SDN and network function virtualization - NFV), privacy, social networks, underwater networks, vehicular networks, wireless networks and more...*

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