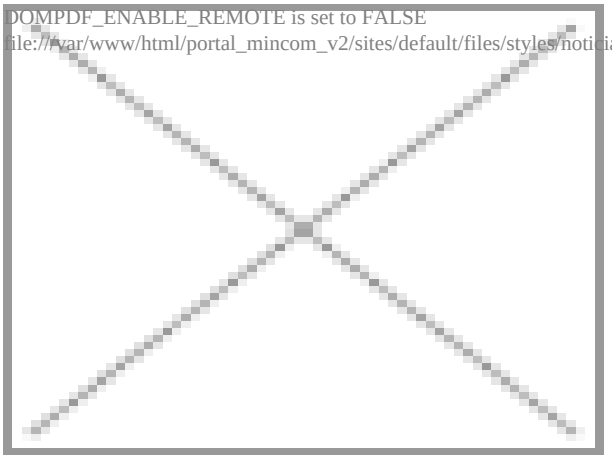

Source:
Tomado de Juventud Técnica

The second workshop of the Telecommunications Science, Technology and Innovation Sector Program of the Ministry of Communications (Mincom) was held in Havana for two days.

As explained to Juventud Técnica by Ana Julia Marine López, vice-minister of the institution, the meeting presented solutions to several existing problems, not only in companies, but in the entire sector, which also make use of innovation and involve universities as part of the work with young people.

The projects included a system for the prediction and warning of communications interruption due to anomalies in propagation conditions, a proposal for e-commerce enhanced with emerging technologies and an IoT solution to support agriculture and clean room automation at the National Center for Laboratory Animal Production (CENPALAB).

Other papers presented focused on the development and testing of Virtual Network Functions (VNF) using open source platforms, the creation of an automated radio spectrum monitoring system, as well as a model for IT infrastructure management and network infrastructure services under a Naas-based model.

The vice-minister pointed out that some of these projects have been in the works for two years, but there are others that have already closed with a large estimated value for the MINCOM.
"It is really an opportunity to involve the work of the companies, the university and the students in our development," she said.

One of the projects that concluded last year with satisfactory results is related to the radio-electric spectrum, a subject which, in the opinion of the vice-minister, is not given the necessary publicity, but she is aware of its importance, since new technologies are based on the radio-electric spectrum.

En ese sentido, añadió, el programa se centró en determinar un tipo de interferencia que ocurría –desde hace unos años– y fue creciendo en la misma medida en que se desarrollaba la parte inalámbrica.

“El proyecto permitirá predecir con antelación el fenómeno de ducto troposférico que influye en las comunicaciones y la interferencia de la radiobase y, por tanto, en la calidad del servicio”.
D.C Lanyer Pérez Garlobo, del ITM, jefe del proyecto “Sistema para la predicción y alerta de interrupción a las comunicaciones por anomalías en las condiciones de propagación”

Con ello, la empresa operadora podrá tomar medidas comerciales para que los clientes conozcan la existencia de esa condición atmosférica y podrán hablar una vez pase ya que, además, presenta un determinado tiempo de duración.

En el encuentro participaron representantes de las universidades que imparten la carrera de Ingeniería en Telecomunicaciones (Universidad Tecnológica de La Habana José Antonio Echeverría, Universidad Central “Marta Abreu” de Las Villas?—?UCLV, Universidad de Pinar del Río Hermanos Saíz de Montes de Oca y Universidad de Oriente) y de las empresas afines del Grupo Empresarial de la Informática y las Comunicaciones (GEIC).