



Bogdan Dovgan awarded with first prize of EGNSS Contest

On September 17, NTUU "KPI" hosted the final event of the Contest of Innovative Ideas within the framework of UKRAINE project, implemented under the EU Framework Programme for Research and Innovation "Horizon 2020".

UKRAINE is funded by the European GNSS Agency under the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No. 641517. The UKRAINE project was established in January 2015 to capitalize on opportunities for partnerships created by the finalization of the EU-Ukraine Cooperation Agreement in the field of Global Navigation Satellite Systems (GNSS). The project is aimed at development of satellite navigation services with enhanced reliability and accuracy of GPS signal through the introduction of EGNOS system (European geostationary navigation overlay service). It allows increasing the level of safety and efficiency of air and ground transportation, as well as of other areas of national economy.

The Contest of Innovative Ideas was devoted to the use of satellite navigation services and development of new applications based on EGNOS. Mykhailo Ilchenko, the ViceRector of NTUU "KPI" and Academician of NAS of Ukraine, opened the event and presented the tasks and the participants of the Contest, among which were students, PhD students, researchers, and employees not only of NTUU "KPI" but also of other universities, research institutions, large and medium-sized enterprises from all over Ukraine.

Three finalists presented their projects in short pitch sessions in front of the members of the international jury and participants of the event. After the pitch session the authors answered the questions of the international jury. Jury members from Belgium and Italy took part in the event and asked the questions via Skype call owing to which they have seen and heard everything that happened in real time.

By the results of the scores marked in the evaluation forms Sergii Bunin, the Head of the jury, summed up the results of the Contest and announced the winners.

The first prize received the project "Compact and energy-efficient GPS/GLONASS satellite navigation system signals receiver for vehicles monitoring systems" presented by Bogdan Dovgan, the student of the Institute of Telecommunication Systems NTUU "KPI". He received iPad Air Gold, the certificate of the winner, and the right to participate in the conference "European Space Solutions", which will be held next year in the Netherlands.

The second prize won the project «Fuel Trans» - platform for selling fuel to motor transport (large-size) through monitoring of remaining fuel through the use of Galileo system and EGNOS, which was presented by both authors - Dmitry Abramov and Bogdan Trynadtsyatko (Science park "Kyivska Polytechnica", the students of NTUU "KPI"). This team has been awarded the iPad Air Silver.

The third prize got the project "Development of the technology for miniature satellite navigation system" presented by Maria Nekrasova, the associate professor of the Department of management systems and processes of Kharkiv Polytechnic Institute. She also received the iPad Air Silver.

Finally, it should be added that all three winning projects were entitled to take part in the final part of the contest "Sikorsky Challenge 2015". It is held within the framework of the festival under the same name. As usual in mid-October this festival for the fourth time takes place in NTUU "KPI".

The UKRAINE project

The UKRAINE project was established in January 2015 to capitalize on opportunities for partnerships created by the finalization of the EU-Ukraine Cooperation Agreement in the field of Global Navigation Satellite Systems (GNSS). This press-release has been prepared in the context of UKRAINE project fulfillment. This project received funding from the European GNSS Agency within the EU Research and Innovation program Horizon 2020 under the Grant Agreement No. 641517.