Anastasia Zharkova


In June 2019 I was able to visit such a friendly and hospitable country as the Netherlands. But my trip was not as a tourist. I represented my Laboratory at scientific and technical event - The ISPRS Geospatial Week (GSW).

I am cartographer and first-year PhD student at Moscow State University of Geodesy and Cartography (MIIGAiK). In the MIIGAiK Extraterrestrial Laboratory (MexLab) we work with the planetary data obtained by various spacecrafts. I have already created maps of the Moon, Mercury, Mars and Phobos, but my science activities are not limited only by mapping. I have carried out the visual survey of the high-resolution images of Mercury in order to perform a morphological analysis of the small features on a surface like flat-floored craters, hollows and boulders. I've measured the characteristics of these objects and it helped to reveal the patterns in their location.

So, at the GSW I gave an oral presentation “Relief of Mercury and the Moon: from morphometry to morphological mapping” at PRSM workshop. And of course it was the most important part of the event for me. I was particularly interested in the section on the latest studies of the Moon. But besides that, I also attended other workshops and it was very informative and productive. As a part of my university education, I studied remote sensing of the Earth, as well as photogrammetry, so it was very interesting for me to listen to various presentations and get new knowledge of the newest technologies in these fields.

I always believed that science community is built on the cooperation and this wonderful international event only confirmed my beliefs. I was very worried and felt great responsibility, because for our Laboratory it is very important to present our research at such events as GSW 2019. It opens new opportunities for scientific cooperation with other universities. I'm glad that everything went very well! The feedback from experts from all over the world gave me amazing experience. Now I aim to implement the obtained knowledge in my future work including PhD thesis.

The paper published in ISPRS Archives and oral presentation at such big event really helped me as PhD-student. I am very grateful for opportunity to show results of my work and expand my own horizons of knowledge. I was happy to meet my foreign colleagues and discuss our research with them.

I hope to participate in other conferences and events organized by the ISPRS in future!