



ROBOSCOPE 2016



Story/Photo: **MICHAŁ SITARSKI**



On 24–25 May 2016 was held already the third edition of the International Seminar RoboScope® organized by the Industrial Research Institute for Automation and Measurements (PIAP) and the “Allied with GROM” Foundation. A main scope of the seminar were CBRNE threats and opportunities offered by new detection and neutralization technologies. The RoboScope® was carried out in a tested during the last edition formula in which, besides a “theoretical part”, a great emphasis was put on the practical exercises with a use of different kinds of mobile robots and equipment.

Certainly, a theoretical part during such events is indispensable even in order to familiarize the participants with the latest trends, achievements and

technologies in the field of CBRNE threats. So it happened during the RoboScope® 2016, when a first day started a cycle of seminars and lectures. The speakers, while becoming an inseparable part of the more relaxed than a traditional atmosphere of this meeting, did their presentations in a more approachable, easy-going manner and with a great commitment, but – what should be emphasized – at a very high substantive level. In the lecture part related to CBRNE threats, in the role of speakers featured the representatives of the Polish Police Headquarters, Border Guard Training Centre, Police Training Centre, Provincial Headquarters of the State Fire Service, National Centre for Nuclear Research, Military Institute of Hygiene and Epidemiology, PIAP, and - on the second day – the School of Fire Service and U.S. Drug Enforcement Administration (DEA).

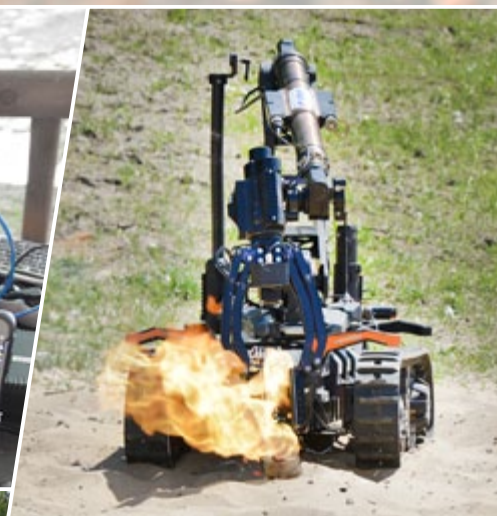
After the theoretical part, 140 participants of the seminar (mainly experts in IED, CBRNE and mobile robots), had an opportunity to verify the issues which were discussed by the lecturers. For this purpose 10 stands were arranged, at which they could face up with the tasks with which they meet during their service. They were related to a detection of the contaminated zones applying the CBRN accessories used in the PIAP robots and providing first aid in such zones.

The subsequent elements were as follows:

- a neutralization of the IED using a RMI PIAP robot,
- providing a reconnaissance using a TRM robot,

- a presentation of the latest PIAP Multistriker device
- an evacuation of the injured EOD tech with IBIS robot
- vehicle reconnaissance with a cooperation of two PIAP robots – Gryf and Expert

There was also organized a shooting competition with a usage of two Scout robots made in the PIAP. A co-organizer of the exercises – PIMOT – presented a Funter, multirole special operations vehicle and a Mobile Evacuation Platform. The participants of the seminar had an opportunity to test the vehicles personally. Many participants, had a chance to control



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the PIAP robots for the first time (nearly all models were presented) and they managed to do it really good. It was particularly well noticeable during the operations in which time was a decisive factor. It turned out that the robots are controlled rather intuitively and the trainee very quickly acquired the related secrets. In the case of more complicated tasks, they might receive assistance from the instructors, and more advanced robots and equipment (like Multistriker) were handled by the PIAP employees, who provided explanations and answered to the questions of the seminar participants.

and a range of knowledge acquired during the workshops as a useful in their professional work. The opinions about the speeches and presentations conducted during the lecture part of the seminar were also high. All participants pointed out a need to continue an organization of the seminars in the subsequent years.

The honorary patronage over the event was taken by: Minister of National Defense, Head of National Security Bureau, Commander-in-Chief of the Border Guard, Commander-in-Chief of the State Fire Service, Development Minister, President of the Industrial Development Agency and Minister of Science and Higher Education.

In the after-Roboscope survey, the participants evaluated a seminar scope of topics as an interesting,