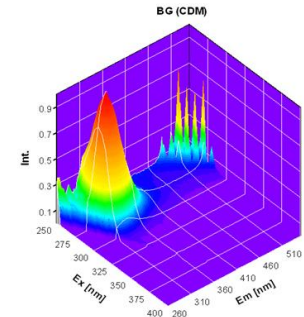




**Institute of Optoelectronics  
Military University of Technology  
Warsaw  
Poland**

- Interdisciplinary academic institute at **MUT** with mission to support R&D and education in **optoelectronics, laser and photonic technologies**.
- **IOE's activities** include **education, R&D, implementation, system integration, testing, validation** and **calibration**.
- **R&D activities** fall into many areas including **defence, security, critical infrastructure protection, environmental protection, metrology, medicine, art** etc.
- **Staff: 200**
- **International research** (EU, EDA and NATO programmes)
- **Extensive network of partners including end-users**
- **Modern facilities and state-of-the-art equipment**





- Design, construction and testing of the systems for point and standoff detection of CBE agents;
- Development of CBE sensors for mobile platforms;
- UV-Vis-IR-THz, Raman, SERS and Fluorescence Spectroscopy of CBE agents;
- Statistical data analysis (real-time PCA, LDA, neural networks) dedicated for detection systems.

## Biodetection



Mid-range LIDAR



Short-range LIDAR



BARDet(on PIAP robot)

## Chemical detection



DIAL LIDAR



HyperCam LWIR



Raman and SERS

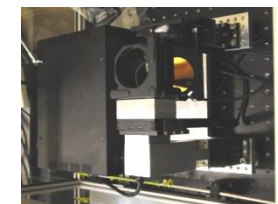
## Explosives detection



LIBS



NO<sub>2</sub> sensor



THz detector

**Contact person: Dr Bartłomiej Jankiewicz**  
**e-mail: bartlomiej.jankiewicz@wat.edu.pl**



**Institute of Optoelectronics**  
**Military University of Technology**  
gen. Sylwestra Kaliskiego 2 str.  
00-908 Warsaw  
Poland  
[www.ioe.wat.edu.pl](http://www.ioe.wat.edu.pl)

tel. +48 261 839 430  
fax +48 22 666 8950  
e-mail: sekretariat.ioe@wat.edu.pl

