

ROBOTICS for CBRNE Issues : extension of the EKC

The automation techniques and the Mobile Robotics Systems (unmanned Ground Vehicles (UGV), Aerial Vehicles (UAV or Remote Piloted Aircraft Systems RPAS or drones), Sea and Under-sea Vehicles (USV, UUV) are more and more implemented during CBRN-E interventions. The Robotics may impact the Emergency evaluation , the Emergency management, the Incident/Hazard mitigation and the Victim Care CBRNE response activities.



Intervention by the EBOLA contamination event in Africa

The robots have been deployed in Humanitarian Demining (read www.fp7-tiramisu.eu), in Search and rescue operations (www.fp7-icarus.eu), during natural disasters (Fukushima in Japan) and they have facilitated the response planning, they have removed human operators from dangerous toxic situations, they have helped the Forensic needs.

The International CBRNE Institute has now decided to integrate this modern evolution by extending the EKC (Explosive Knowledge Centre) to a renovated E-RKC (Explosive and Robotics Knowledge Centre), linking the activities of the ICI to the objectives of the IMEKO Technical committee TC 17 (www.imeko.org). Professor Baudoin has been nominated as Vice-Chair of the TC17 while some members of the EKC have joined this TC as effective members.

After the successful organization of the ELROB-ISMCR'2018 events, the ICI/ERKC now starts the preparation of the ISMCR'2019 that will be held in Houston (USA).

More information will be given in our 2018 Newsletter.



A cooperation agreement will be signed with the Belgian Measurement Committee, Belgian Branch of the International Measurement Confederation (IMEKO)