



With the support of RTO/AVT175/RTG055
and RTO/ IST089/RTG042

Programme C-ELROB 2011

19 June 2011

From 10.00H on arrival and installation of first Teams

20 June 2011

From 08.00H Arrival and installation of Teams

09.00H Welcome (DOVO Cafeteria): Comd DOVO, Prof A.Maslowski, Dr ir E.Colon

09.30H – 13.00H IARP Workshop RISE'2011 (Risky Interventions and Environmental Surveillance RISE Room)

13.30H Presentation of Teams to the 'Arbitration Managers' (5 min/team) – Installation continued

14.30H free Team Testing on DOVO Plain and surroundings

17.30H End

21 June 2011

RECONNAISSANCE SCENARIO – APPROACH

08.30H Briefing

09.00-18.40H Training (Free on Plain), Trials (1 Hour/Team) on dedicated Site

09.00-13.00H IARP WS RISE'2011 continued

22 June 2011

MULE SCENARIO

08.30 Briefing

09.00-18.30 H Training (Free on Plain), Trials (1 Hour/Team) on dedicated Site

09.30-11.30H Press presentations

19.00H Get Together – Barbecue

23 June 2011

RECONNAISSANCE SCENARIO – CAMP SECURITY

08.30H Briefing

09.00-18.40H Training (Free on Plain) and Trials (1 Hour/Team) on dedicated Site

10.30-14.30H Team presentation NATO/MIL if any

24 June 2011

AUTONOMOUS NAVIGATION SCENARIO

09.00H Briefing

09.30-15.00H Training (Free on Plain), Trials (1 Hour/Team) on dedicated Site

15.30H Fare-well

- *Conclusions and recommendations/actions*
- *Prices- attests*
- *Cocktail*

Detailed Program: later on via www.elrob.org

Participants: www.elrob.org

Programme IARP Workshop RISE'2011

20 June 2011

09.00H Welcome (Bloc IED): Director DOVO, Prof A.Maslowski, Dr Ir E. Colon

09.30-09.50H DOVO (EOD, IEDD, other) Missions

09.50H	The FKIE Robot System for the European Land Robot Trial 2011	Brunner Michael, Königs Achim, Röhling Timo, Schneider Frank, Tiderko Alexander, Schulz Dirk, Wildermuth Dennis (Germany)
10.10H	Distributed nonlinear filtering and sensorless control under random delays and packet drops	G.G. Rigatos (Greece)
Coffee Break		
11.00H	Mobile Vehicle Maneuverability in Risky Conditions	V.Gradetsky (Russia)
11.20H	Mobile Platform Pushbroom Sensor Motion Control & Corrections: Examples Using Hyperspectral Shoreline and Low Flying Aircraft of Shorelines	Charles Bostater (USA)
11.40H	Nano Aerial Vehicles as Flapping Wing Robots	Balemir URAGUN (Turkey)
12.00H	The U-Go Robot, a multifunction rough terrain outdoor tracked vehicle for R&D on autonomous navigation algorithms	Bonaccorso F., Longo D., Melita D., Muscato G., Prestifilippo M (Italy)
12.20H	Over the hill and far away: aerial/ground cooperation for long range navigation	Simon Lacroix, Redouane Boumghar, Cyril Roussillon, Arnaud Degroote, Paul Cox, Bertrand Vandepoortaele and Matthieu Herrb (France)
12.40H	Autonomous camp surveillance with the ROBUDEM robot: challenges and results	Geert De Cubber, Daniela Doroftei, Kristel Verbiest, Sid Ahmed Berrabah (Belgium)

21 June 2011

09.00H	The multi-agent robotic systems building concept	I. Makarov, V. Lohin, S. Manko, M. Romanov (Russia)
09.20H	Current status and near-term outlook development of extreme mobile robots control systems for fire-fighting and rescue operations of EMERCOM divisions of Russia	Professor Sergey G. Tsarichenko , Anton S. Maslov (Russia)
09.40H	Robotic technology for surface decontamination	Oleg P.Goydin, Victor S. Krusanov , ITUCR (Russia)
10.00H	Modular mobile robotic platform for outdoor applications.	Antti Tikanmäki (Finland)
Coffee Break		
10.50H	RI Fleet – Autonomous Robot Co-operation	Marek Sadowski (Poland)
11.10H	Autonomous mapping of landmines and unexploded ordnance contaminated sites	Kjeld Jensen, Rasmus N.Jorgensen, Anders Bogild, Ole.J.Jorgensesn and Soren H.Nielsen (Denmark)
11.30H	Adaptive simulator for training mobile robots operators	Sobolnikov Sergey (Russia)
11.50H	Support Robots for the Polish Army	Adam BARTNICKI, Marian J. ŁOPATKA, Piotr SPRAWKA, Andrzej TYPIAK (Poland)
12.10H	GPGPU computing in RISE application	Janusz Bedkowski and Andrzej Maslowski (Poland)
12.30H	Service-oriented Ad-hoc Method for Unforeseen Scenarios	Antti Hahto, Jouni Mattila, Teemu Rasi, Tuomo Kivelä, Janne Honkakorpi Tampere University of Technology, Tampere (Finland)
IARP WS CONCLUSION- Y.Baudoin		