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IARP Executive Committee

President :	*N. Caplan (USA)*
Vice-President	*G.Pegmann (UK)*
Executive Secretary :	*E.Dombre (FR)*
JCF 2010 Chair	*Andrzej Maslowski*

Time schedule

The contribution should focus on theories, principles and developments which have been explicitly developed for robots (terrestrial, aerial), and carried sensor systems for environmental surveillance, risky interventions, in the Humanitarian De-Mining in particular

An **abstract** of approximately 300 words (in English) should be received not later than February ***1 2013.*** Electronic submissions of the abstracts (Word, PSF, PDF-files) should be e-mailed to:

nikola.pavkovic@ctro.hr
Yvan.baudoin@rma.ac.be

- Final selection and invitation of participants: **February, 15, 2013**
- Receipt full ready **e-papers**: **March, 1 2013**

Organization Committee

Chair:
MSc Nikola Pavkovic, CROMAC-CTDT Director

IARP Session:
Prof. Yvan Baudoin, RMA, Brussels.

Workshop inquiries to:

Sanja.vakula@ctro.hr

IARP International Advanced Robotics Programme

HCR CENTAR ZA TESTI RAZVOJ I OBUKU

10th International Symposium on Humanitarian Demining

www.ctro.hr

coupled with a special IARP session on Robotics

HUDEM'2013

23-25 April 2013
Šibenik
Croatia

Call for Abstracts

Tiramisu

www.fp7-tiramisu.eu

Background

The symposium will review and discuss the available technologies, their limitations, their adaptability to different environmental conditions for humanitarian demining (including the detection of sub-munitions) and discusses the development efforts to automate some tasks related to de-mining / detection / interventions processes wherever possible through the use of Robotics Systems and other Technologies.

Scope and Topics

Specific topics include but are not limited to:

- Mobile Robotics Systems (Design, control, command) for unstructured environments (UGV,UAV, multi-robotics cooperation)
- Conventional and Autonomous Hybrid Vehicles
- Modular Tool-Kit Solutions
- Sensors and sensor fusion for detection
- Demonstrators – Tests Results
- Human Machine Interface
- Social aspects and Mine Risk education
- Rehabilitation of Victims
- IED threats
- Map building and reconstruction
- Networked crisis management tools
- Swarm of robots
- Crisis Management Information Systems
- Training

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Local Organization Committee and registration

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M.Armada
R.Babajko
A.Benkhalifa
K. Benkhalifa
M.H.Bedoui
K.Berns
P.Bidaud
E.Cepolina
R.Chesnay
E.Colon
F.G.Cordova
J.L.Coronado
J.Dai
A.T.de Almeida
K.Debruyn
R.Dillmann
P.Drews
R.Fathallah
F.Gamaoun
P.Gonzales de Santos
M.K.Habib
J.Hewit
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O.Tokhi
S.Tzafestas
L.Vatja
H.Van Brussel
J.C.van den Heuvel
D.van Zwynsvoorde
F.Verhaege
N.Vincent
G.S.Virk

Venue

By establishing the mine action system in Croatia, the Croatian Mine Action Center (CROMAC) created preconditions to engage in research and development and improvement of mine action techniques, technology and methods, testing of machines, mine detection dogs and handlers, testing and field evaluation of modern technologies, education and expert assistance to the countries in the Region and wider