

## IARP Committee

<b>Belgium</b>	<i>D.Lefeber</i>
<b>Brasil</b>	<i>Liu Hsu</i>
<b>Canada</b>	<i>E. Dupuis</i>
<b>China, P.R</b>	<i>Qiang Huang</i>
<b>European Commission</b> (Observer)	<i>P.Karp</i> <i>Wolfgang Boch</i>
<b>France</b>	<i>Philippe Bidaud</i> <i>Etienne Dombre</i>
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<b>Italy</b>	<i>C. Moriconi</i>
<b>Japan</b>	<i>Kazuhito Yokoi</i>
<b>Korea</b>	<i>Mun-Sang Kim</i>
<b>Poland</b>	<i>A.Maslowski</i>
<b>Russia</b>	<i>V. Gradetsky</i>
<b>Spain</b>	<i>M. Armada</i>
<b>United Kingdom</b>	<i>G. Pegman</i>
<b>USA</b>	<i>William Hamel</i>

## IARP Executive Committee

<b>President :</b>	<i>N. Caplan (USA)</i>
<b>Vice-President</b>	<i>G.Pegmann (UK)</i>
<b>Executive Secretary :</b>	<i>E.Dombre (FR)</i>
<b>JCF 2010 Chair</b>	<i>Kazuhito Yokoi</i>

## 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 2014**. Electronic submissions of the abstracts (Word, PSF, PDF-files) should be e-mailed to:

[nikola.pavkovic@ctro.hr](mailto:nikola.pavkovic@ctro.hr)  
[Yvan.baudoin@rma.ac.be](mailto:Yvan.baudoin@rma.ac.be)

- ⌚ Final selection and invitation of participants:  
**February, 15, 2014**
- ⌚ Receipt full ready **e-papers**:  
**March, 1 2014**

## Organization Committee

**Chair:**  
MSc Nikola Pavkovic, CROMAC-CTDT Director

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

Workshop inquiries to:

[Sanja.vakula@ctro.hr](mailto:Sanja.vakula@ctro.hr)



## 12<sup>th</sup> IARP Workhop on Robotics for Humanitarian Demining

[www.ctro.hr](http://www.ctro.hr)

coupled with the 11<sup>th</sup> International symposium on Humanitarian demining

**HUDEM'2014**

22-23 April 2014  
Šibenik  
Croatia

**Call for Abstracts**



## 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

## Local Organization Committee and registration

[www.ctro.hr](http://www.ctro.hr)

## IARP WG HUDEM IPC

M.Armada	R.Molfino
R.Babajko	C.Morconi
A.Benkhalifa	K.Munsang
K. Benkhalifa	K.Nonami
M.H.Bedoui	A.Pajaziti
K.Berns	C.Parra
P.Bidaud	M.D.Penny
E.Cepolina	I.Petrovic
R.Chesnay	A.Preumont
E.Colon	L.Romhdane
F.G.Cordova	A.Rao
J.L.Coronado	A.Safiotti
J.Dai	H.Sahli
A.T.de Almeida	J.C.Samin
K.Debruyne	U.Schmucker
R.Dillmann	L.Seneviratne
P.Drews	L.Steinicke
R.Fathallah	O.Tokhi
F.Gamaoun	S.Tzafestas
P.Gonzales de Santos	L.Vatja
M.K.Habib	H.Van Brussel
J.Hewit	J.C.van den Heuvel
W.Khalil	D.van Zwynsvoorde
K.R.Kozlowski	F.Verhaege
D.Lefeber	N.Vincent
Man Wook Han	G.S.Virk
M. Chaaban	

## 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**

