

EUROPE'S
ANNUAL
CONFERENCE & EXHIBITION
FOR THE GLOBAL
RPAS COMMUNITY



14th Consecutive Year

REMOTELY PILOTED AIRCRAFT SYSTEMS

VENUE & DATE

PARIS, FRANCE

EQUINOXE
EVENT CENTRE

5-7 JUNE 2012

ORGANIZED BY



BLYENBURGH & CO, FRANCE

WITHIN THE FRAMEWORK OF
UVS INTERNATIONAL'S

GLOBAL
ACCESS
INITIATIVE

UNDER THE AUSPICES OF

UVS International

86, rue MICHEL-ANGE
75016 PARIS, FRANCE
tel.: 33-1-46.51.88.65
fax: 33-1-46.51.05.22
info@uvs-international.org
www.uvs-international.org

THE INTERNATIONAL RPAS POLICY FORUM

DATE

CONFERENCE & EXHIBITION
5 & 6 & 7 June 2012

LOCATION

Paris, France
SW Paris, Left Bank, next to Paris heliport

VENUE

Equinoxe Event Centre
18-20, rue du Colonel Pierre Avia
75015 Paris
France
Metro: Balard or Porte de Versailles

TYPE OF CONFERENCE

Non-classified international technical conference totally dedicated to remotely piloted aircraft systems and featuring:

- 16 Themed sessions;
- Concurrent exhibition;
- Networking refreshment breaks, lunches, cocktails.

CONFERENCE REGISTRATION

Registrations should be made by completing the RPAS 2012 Conference Registration form and faxing or emailing it to UVS International. **On-site registration will NOT be possible.**
Registration & payment deadline: **30 May 2012.**

EVENT & CONFERENCE TIMING

Pre-Conference

4 June '12 09.00 - 13.00 **Stand build-up**
13.00 - 20.00 **Stand move-in & decoration**
17.00 - 18.30 **Speakers' Briefing**

Conference

Tuesday 5 June 2012

08.00 - 08.50 Registration & Welcome Coffee
08.50 - 09.00 Welcome & Opening Remarks
09.00 - 10.10 Session 01 **RPAS Policy**
10.10 - 11.00 Refreshment & Networking Break
11.00 - 12.30 Session 02 **RPAS Policy**
12.30 - 14.00 Buffet Lunch & Networking
14.00 - 15.25 Session 03 **Programme Status**
15.25 - 16.20 Refreshment & Networking Break
16.20 - 17.48 Session 04 **Non-Military Applications**
17.48 - 19.30 Cocktails & Networking

Wednesday 6 June 2012

08.00 - 09.00 Registration & Welcome Coffee
09.00 - 10.10 Session 05 **Regulatory Activities**
10.10 - 11.00 Refreshment & Networking Break
11.00 - 12.30 Session 06 **Standards Development**
12.30 - 14.00 Buffet Lunch & Networking
14.00 - 15.25 Session 07 **Operational Experience**
15.25 - 16.20 Refreshment & Networking Break
16.20 - 17.48 Session 08 **Regulatory Related Activities**
17.48 - 19.30 Cocktails, Awards Ceremony & Networking

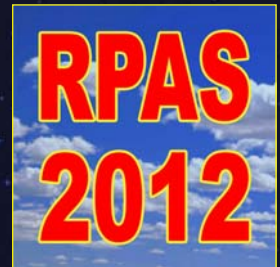
Thursday 7 June 2012

08.00 - 09.00 Registration & Welcome Coffee
09.00 - 10.10 Session 09 **RPAS Policy**
10.10 - 11.00 Refreshment & Networking Break
11.00 - 12.30 Session 10 **RPAS Policy & Related Issues**
12.30 - 14.00 Buffet Lunch & Networking
14.00 - 15.25 Session 11 **Programme Reports**
15.25 - 16.20 Refreshment & Networking Break
16.20 - 17.48 Session 12 **Future Vision & Related Sensors**
17.48 - 17.55 Closing Remarks & Conclusion
16.20 - 18.30 Stand Clearing

PROCEEDINGS

The conference proceedings will be in English. A dedicated FTP portal featuring the proceedings, as well as white papers, and reference documents will be accessible to all the registered delegates within 10 days after the conference. Access to this FTP portal is included in the delegate registration fee. Access to this FTP portal can also be ordered by non-delegates.

An international conference and associated exhibition focusing only on RPAS and related standards, certification & air traffic management issues, programme updates, operational experience & lessons learned, as well as requirements & new system developments. Presentations by internationally recognised specialists will broaden the awareness of current non-military & military RPA operators, potential commercial operators & end-users, regulatory authorities & industry representatives.



2012 UAS YEARBOOK

All conference delegates will receive a copy of the 2012 RPAS Yearbook - RPAS : The Global Perspective.

FOOD & BEVERAGES

Each morning & afternoon will have a refreshment break. Each day will feature a pre-lunch open bar, the conference's 4-course hot & cold buffet lunch with wine & beer.

Days I & II are concluded by a conference cocktail featuring "haute cuisine" snacks.

All food & beverages will be served in the heart of the exhibit area and are included in the delegate registration fee.

The refreshment breaks, lunches & cocktails and the event lay-out offer exceptional networking opportunities.

EXHIBITION

The exhibition will take place in an area directly adjacent to conference area.

ATTENDANCE

Qualified delegates from all acceptable (UN & EU guidelines) countries can register for the conference & exhibition.

SPONSORSHIP OPPORTUNITIES

There are various sponsorship opportunities. For detailed information contact Peter van Blyenburgh at UVS International.

HOTEL ACCOMMODATION

Hotel accommodation is not included in the fees and is the responsibility of each conference delegate. Hotels can be viewed and on-line hotel bookings can be made at:

- www.paris.org/hotels
- www.paris-resa.com nearest hotel: Pullman
- www.hotels-paris.fr/en
- www.paris-travel.com/hotel-reservations-paris.html

FORMER EVENTS

Facts & figures concerning to our former events can be found on www.uvs-info.com

FOR ADDITIONAL INFORMATION

UVS International
Peter van Blyenburgh
86 rue Michel Ange
75016 Paris
France

Tel.: 33-1-46.51.88.65 & 33-1-40.71.83.43

Fax: 33-1-46.51.05.22

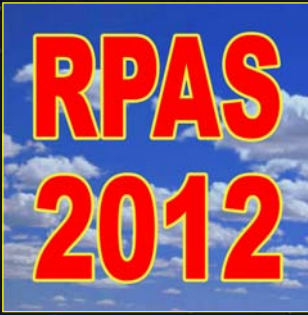
pvb@uvs-international.org

pvb@uvs-info.com

www.rpas-2012.org

www.uvs-info.com

www.uvs-international.org



Remotely Piloted Aircraft Systems



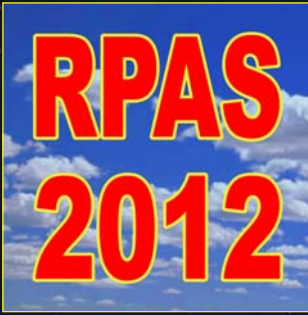
CONFERENCE PROGRAMME

DAY 1 - TUESDAY 5 JUNE 2012

- 00 08.50-09.00 Welcome & Opening Remarks
Session 1 - RPAS Policy
- 01 09.00-09.20 ICAO UAS Study Group: Current Status & The way ahead
Leslie Cary, ICAO - International Civil Aviation Organization
- 02 09.20-09.37 EC UAS Panel: Conclusions & Way forward
Matthew Baldwin, European Commission, DG Mobility & Transport, Europe
- 03 09.37-09.54 EUROCONTROL's view of the future
Luc Tytgat, EUROCONTROL, Belgium
09.54-10.10 Panel Discussion
10.10-11.00 Refreshment Break
Session 2 - RPAS Policy
- 04 11.00-11.17 EASA's vision of the future
Yves Morier, EASA - European Aviation Safety Agency, Europe
- 05 11.17-11.34 ECAC: Its vision on RPAS
Peter Kirk, ECAC - European Civil Aviation Conference, Europe
- 06 11.34-11.51 RPAS Integration into European airspace
José Calvo, SESAR Joint Undertaking, Europe
- 07 11.51-12.08 UAS: The strategic approach of the European Defence Agency
Giampaolo Lillo, European Defence Agency, Europe
12.08-12.30 Panel Discussion
12.30-14.00 Open Bar & Lunch Buffet
Session 3 - Programme Status
- 08 14.00-14.17 Emerging from the Shadows - US and Australian partnering to deliver Australia's tactical UAS
Keirin Joyce, Australian Army, Australia
- 09 14.17-14.34 The Australian federal unmanned systems & RPA market in Dollar terms : 2000-2020
Peter La Franchi, LFRG Ltd, Australia
- 10 14.34-14.51 Nano RPAS: A new reality
Dag Paulsen, ProxDynamics, Norway
- 11 14.51-15.08 Development of an all weather multi-functional RPAS for the Ministry of Extraordinary Affairs
Oleksii Korniev, N. E. Zhukovsky National Aerospace University "KhAI", Ukraine
15.08-15.25 Panel Discussion
15.25-16.20 Refreshment Break
Session 4 - Non-Military Applications
- 12 16.20-16.37 RELIFO: Automatic system for detection of obstacles and hotspots in the overhead powerline
Juan Larrauri, Deusto University, Spain
- 13 16.37-16.54 RPAS Potential for border surveillance - Challenges of Introducing RPAS technology in an operational context
Speaker TBA, FRONTEX, Europe
- 14 16.54-17.11 Application: Intensive use of RPAS in the protection and maintenance of pipelines
Nikos Bogonikolos, Aratos Technologies, Greece
- 15 17.11-17.28 India: RPAS opportunities for non-military applications
V.S. Srinivasan, Nova Integrated Systems Ltd, India
17.28-17.48 Panel Discussion
17.48-19.30 Conference Cocktail & Awards Ceremony

DAY 2 - 6 JUNE 2012

- Session 5 - Regulatory Activities
- 16 09.00-09.17 An update to the FAA UAS Integration into the National Airspace System
James H. "Jim" Williams, FAA - Unmanned Aircraft Systems Integration Office, USA
- 17 09.17-09.34 The French regulatory situation
Claude Mas, DGAC (CAA), France
- 18 09.34-09.51 Russian Federation: The national regulatory situation
Vladimir Shibaev, TsAGI, Russian Federation
09.51-10.06 Panel Discussion
10.06-11.00 Refreshment Break
Session 6 - Standards Development
- 19 11.00-11.17 EUROCAE WG73: Programme update
Tore Kallevig, AVINOR, Norway
(on behalf of EUROCAE WG73 on UAS)
- 20 11.17-11.34 RTCA SC203: Situational update
John Walker, The Padina Group, USA
(on behalf of RTCA SC203)
- 21 11.34-11.51 Status update on ASTM efforts on development of standards for small UAS
Theodore Wierzbowski, AeroVironment, USA
(on behalf of ASTM Committee F38)
- 22 11.51-12.08 WG93 on Lightweight RPAS: Introduction & Objectives
Ron van de Leijgraaf, Ministry of Infrastructure and the Environment, The Netherlands
(on behalf of EUROCAE WG 93)
12.08-12.30 Discussion Panel
12.30-14.00 Open Bar & Lunch Buffet
Session 7 - Operational Experience
- 23 14.00-14.17 Operational experience & Lessons learned
Speaker TBA, Royal Army - 32 Regiment, UK
- 24 14.17-14.34 Operational experience & Lessons learned
Speaker TBA, French Army 61st Artillery Regiment, France
- 25 14.34-14.51 RPAS employment by the Brazilian Federal Police
Jose Luiz Boanova Filho, Ministry of Justice - Federal Police, Brazil
- 26 14.51-15.08 KZO - 3 Years of service in theatre, programme update and sharing the experience
Bjoern Symank, Rheinmetall DE, Germany
15.08-15.25 Panel Discussion
15.25-16.20 Refreshment Break
Session 8 - Regulatory Related Activities
- 27 16.20-16.37 United States Unmanned Aircraft System Executive Committee: Progress & activities
Jeffrey Bauer, NASA DFRG, USA
- 28 16.37-16.54 Qualified Entities - A flexible approach to regulatory implementation
André Clot, European Unmanned Systems Centre, UK
- 29 16.54-17.11 ASTRAEA - Final year programme update
Jeremy Howitt, QinetiQ, UK
(on behalf of the ASTRAEA Consortium)
- 30 17.11-17.28 ULTRA: Introducing UAS into European airspace
Pablo Gonzalez, INDRA, Spain
(on behalf of the ULTRA Consortium)
17.28-17.48 Panel Discussion
17.48-19.30 Conference Cocktail & Awards Ceremony



Remotely Piloted Aircraft Systems



CONFERENCE PROGRAMME

DAY 3 - THURSDAY 7 JUNE 2012

Session 9 - RPAS Policy

- 31 09.00-09.17 EC UAS Panel: Conclusions & Way forward
Antii Peltomäki, European Commission, DG Enterprise, Europe
- 32 09.17-09.34 From ICAO to EASA
Filippo Tomasello, EASA - European Aviation Safety Agency, Europe
- 33 09.34-09.51 JARUS: A situational update
Ron van de Leijgraaf, JARUS - Joint Authorities for Rulemaking on Unmanned Systems, International
- 09.51-10.06 Panel Discussion
10.06-11.00 Refreshment Break

Session 10 - RPAS Policy & Related Issues

- 34 11.00-11.17 RPAS integration into the European Airspace
Mike Lissone, EUROCONTROL, Belgium
- 35 11.17-11.34 Current UAS Operations in the National Airspace System and R & D Horizon
Rick Prosek, FAA - Unmanned Aircraft Systems Integration Office, USA
- 36 11.34-11.51 A vision on urban UAS infrastructures and related technologies, code of behaviour & Responsibility enforcement
Catherine Fargeon, Ministry of Defence, CGArm, France
- 37 11.51-12.08 Concept development of a Sense and Avoid system for RPAS operations in domestic US Airspace
Kyle R. Noth, Mitre Corporation, USA
- 12.08-12.30 Panel Discussion
12.30-14.00 Open Bar & Lunch Buffet

Session 11 - Programme Reports

- 38 14.00-14.17 Predator aircraft series status report: Military & civilian missions
Stephen May, General Atomics Aeronautical Systems, USA
- 39 14.17-14.34 The Camcopter S-VTOL UAS
Neil Hunter, Schiebel Aircraft, Austria
- 40 14.34-14.51 Patroller : Update and new capabilities
Olivier Reichert, Sagem Défense & Sécurité, France
- 41 14.51-15.08 RPAS for pipeline monitoring: Experimentation programme & Conclusions
Frank Rathlev, Thyssengas, Germany
- 15.08-15.25 Panel Discussion
15.25-16.20 Refreshment Break

Session 12 - Future Vision & Related Sensors

- 42 16.20-16.37 RPAS - Flying high over commercial aerospace
Debajit Sarkar, Market Info Group, USA (India)
- 43 16.37-16.54 Does smaller mean better? The future of the mini RPAS market
Meir Moalem, MultiModis M.M.Ltd., Israel
- 44 16.54-17.11 AETOS: Automated autopilot & geointing payload
Vassilis Foteinopoulos, Aerofilm , Greece
- 45 17.11-17.28 The development of a multi-spectral sensor for the inspection of electrical power lines
Roel Stolper, CSIR, South Africa
- 17.28-17.48 Panel Discussion
17.48-17.55 Closing Remarks & End of Conference

PRESENTING ORGANIZATIONS

- Aerofilm , Greece
AeroVironment, USA (on behalf of ATSM F38)
Aratos Technologies, Greece
ASTM Committee F38, USA (represented by AeroVironment, USA)
ASRAEA Consortium, UK (represented by QinetiQ, UK)
Australian Army, Australia
AVINOR, Norway (on behalf of EUROCAE WG73 on UAS)
CSIR, South Africa
Deusto University, Spain
DGAC (CAA), France
EASA - European Aviation Safety Agency, Europe (2 presentations)
ECAC - European Civil Aviation Conference, Europe
EDA - European Defence Agency, Europe
EUROCAE WG73 on UAS (represented by AVINOR, Norway)
EUROCAE WG93 on Lightweight RPAS (represented by Ministry of Infrastructure and the Environment , The Netherlands)
EUROCONTROL, Belgium (2 presentations)
European Commission, DG Enterprise, Europe
European Commission, DG Mobility & Transport, Europe
European Unmanned Systems Centre, UK
FAA - Federal Aviation Administration, Unmanned Aircraft Systems Integration Office, USA (2 presentations)
French Army 61st Artillery Regiment, France
FRONTEX, Europe
General Atomics Aeronautical Systems, USA
ICAO - International Civil Aviation Organization
Ministry of Infrastructure and the Environment, The Netherlands (on behalf of EUROCAE WG93 on Lightweight RPAS)
INDRA, Spain (on behalf of the ULTRA Consortium)
JARUS - Joint Authorities for Rulemaking on Unmanned Systems
LFRG Ltd, Australia
Market Info Group, USA (India office)
Ministry of Defence, Conseil Général de l'Armement (CGArm), France
Ministry of Justice - Federal Police, Brazil
Mitre Corporation, USA
MultiModis M.M.Ltd., Israel
NASA - National Aeronautical and Space Administration, Dryden Flight Research Centre (DFRC), USA
Nova Integrated Systems Ltd, India
Padina Group, USA (on behalf of RTCA SC203)
ProxDynamics, Norway
QinetiQ, UK (on behalf of the ASTRAEA Consortium)
Rheinmetall Defence Electronics, Germany
Royal Army - 32 Regiment, UK
RTCA SC203, USA (represented by The Padina Group, USA)
Sagem Défense & Sécurité, France
Schiebel Aircraft, Austria
SESAR Joint Undertaking (JU), Europe
Thyssengas, Germany
TsAGI, Russian Federation
ULTRA Consortium, Europe (represented by Indra, Spain)
Zhukovsky National Aerospace University "KhAI", Ukraine

