



UV EUROPE
Air • Land • Sea

18th Conference & Exhibition
29-30 June 2010
Brussels, Belgium



Registered visitors
attend the
exhibition for **FREE**

Industry Keynote
Gene Fraser, Vice-President, Northrop Grumman

“*Excellent - best-organised event I have
attended in Europe.*”
Lockheed Martin Missiles and Fire Control

Supporting Association:



Partner:

NORTHROP GRUMMAN

Sponsors:



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For all event updates visit shephard.co.uk/events

The European event for the unmanned systems community

Building on almost two decades of success, the UV Europe conference and exhibition has previously attracted high-level speakers such as Chief of the Air Staff Air Chief Marshal Sir Glenn Torpy and Director Royal Artillery Brigadier Colin Tadier.

UV Europe 2010 is a key event in the unmanned systems industry's calendar - and covers air, ground and marine systems.

2-Day Conference

Industry Keynote

Gene Fraser, Vice President, Northrop Grumman

Other top speakers and topics include:

EDA and Unmanned Air Systems

Jens Fehler, Principal UAV Officer, European Defence Agency, Belgium

Opportunities for UV within NATO

Richard Froh, NATO DASG Defence Investment

NATO's AGS Project

Andreas Korb, NATO AGS Management Agency

NATO's concept of employment for UAS

Colonel Jay Bickley, Branch Head, Combat Air, JAPCC, Germany

UAS and UGV in the German Army

Lieutenant Colonel Georg Neuhaus, Staff Officer Army Airborne development (UAS), Army Office (Heeresamt), Germany

Other speakers will cover new developments and opportunities and current operators will share their experiences.

Past UV Europe events have attracted over:

21 countries **239** attendees **18** exhibitors

Venue Information -

Husa President Park Hotel

Boulevard du Roi Albert II, 44. B-1000, Brussels, Belgium

Tel: +49 (0)30 6831 22225

Fax: +49 (0)30 6831 2357

Web: www.husapresidentpark.com



WHO WILL ATTEND?

- Operational commanders
- Armed forces officers and pilots
- Government officials
- Procurement officers
- Military weapons advisors
- Research and development leaders
- Systems technicians and engineers
- Project and programme managers
- UV engineers
- Strategists, analysts and consultants

DELEGATE PACKAGE INCLUDES:

- **Full access to the conference rooms** - hear what the operators have to say, and learn about latest developments/projects within this growing industry.
- **Unlimited access to the exhibition hall** - featuring international air, ground and marine systems.
- Executive package with list of all attendees, speakers' biographies and presentation synopses, and online access to presentations after the conference.
- FREE one-year subscription to *Unmanned Vehicles*
- FREE copy of Unmanned Vehicles Handbook 2010
- FREE Unmanned Vehicles wall chart
- High-quality catering during conference
- Unparalleled networking opportunities with key industry figures.

To book your delegate place call our team on:

+44 (0)1753 727028 or email bookings@shephard.co.uk



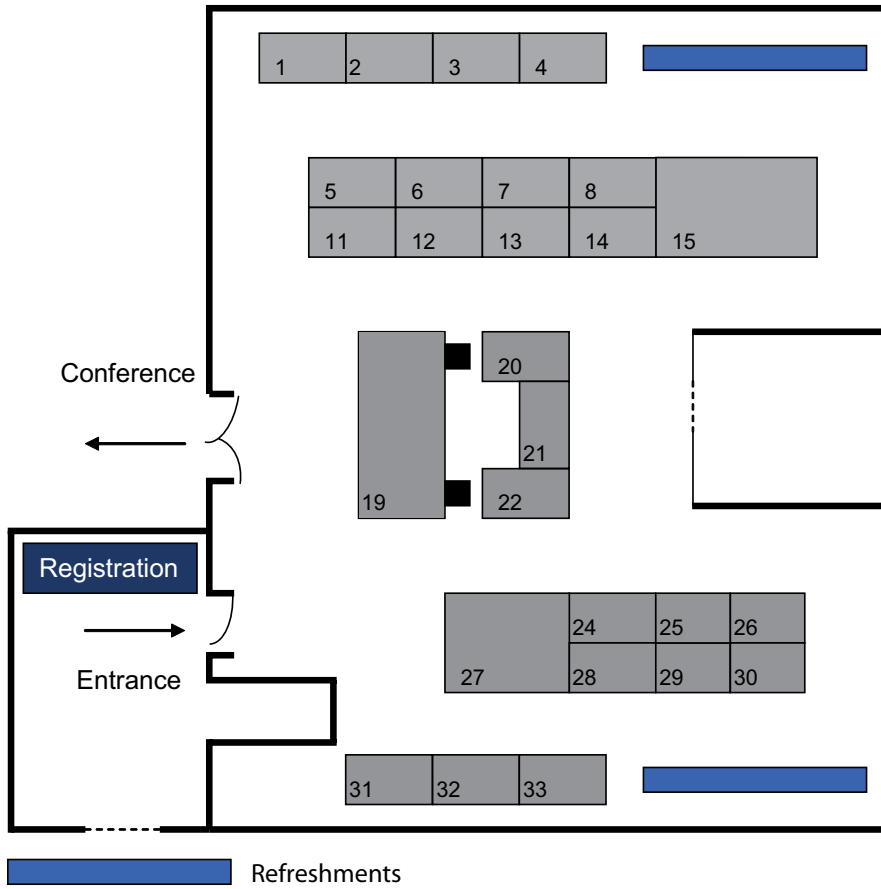
Image courtesy of Northrop Grumman



For all event updates visit shephard.co.uk/events

UV Europe Exhibition

Leading industry partners will demonstrate the latest technology and how innovative capability management will benefit governments, the military and their industrial partners.



Past exhibitors include:

- | | | | |
|---------------------------------|--|---------------------------------|---|
| 2d3 Advanced Imaging Group | Diamond Point International (Europe) Ltd | Goodrich | TGS-NOPEC Geophysical Company |
| AAI Corporation | DST Control | Green Hills Software Ltd | Thales |
| Acra Control | EADS Defence and Security | International Business Wales | UAV Engines Ltd |
| Aeronautics Defense Systems Ltd | EDO MBM Technology Ltd | Israel Aerospace Industries | UKTI Defence and Security Organisation |
| AeroVironment (AV, Inc) | Elbit | Macrosswiss SA | Ultra Electronics |
| AESIR Ltd | Enerdyne Technologies, Inc | NEAT | Unmanned Aerial Vehicle Systems Association Ltd |
| Bental Industries | ESW GmbH | Northrop Grumman | Unmanned Air Systems Team |
| Boeing | European UAV Systems Limited | Pratt & Whitney Canada | VEGA Group |
| Cinch | FLIR | Praxis | West Wales UAV Centre |
| Cloudcap | Frazer-Nash Consultancy | RAFAEL Advanced Defense Systems | |
| Composite Engineering, Inc | Galileo Avionica/SELEX S&AS | Raytheon | |
| Cubic Defense Applications | General Atomics Aeronautical Systems | Simlat | |

See the [updated exhibitor list](http://shephard.co.uk/events) and [floorplan](http://shephard.co.uk/events) for UV Europe 2010 - visit shephard.co.uk/events



To book your delegate place email bookings@shephard.co.uk or call **+44 (0)1753 727028**

UV Europe 2010

Programme Day One – Tuesday 29 June 2010

08.00 - 09.00 – REFRESHMENTS AND EXHIBITION

09.00	CHAIRMAN'S OPENING REMARKS Air Vice-Marsh (Ret'd) Martin Routledge, Shephard Consultant, UK
09.10	KEYNOTE ADDRESS Gene Fraser, Vice-President and General Manager, Northrop Grumman, USA

SESSION ONE – OPPORTUNITIES AND CHALLENGES

09.30	OPPORTUNITIES IN NATO Giovanni Romani, Head of the Naval Armaments Unit
09.50	EDA AND UNMANNED AIR SYSTEMS Jens Fehler, Principal UAV Officer, European Defence Agency, Belgium
10.10	SENSE AND AVOID – DEVELOPMENTS IN UK AIRSPACE Lieutenant Commander Gerry Corbett RN, ORA4 (Off Route Airspace 4), UK CAA Directorate of Airspace Policy, UK

10.30 – 11.00 – REFRESHMENTS AND EXHIBITION

SESSION TWO – FUTURE OPPORTUNITIES

11.00	US ARMY ROAD-MAP FOR UAS Lieutenant Colonel Jennifer Jensen, US Army, Product Manager, Unmanned Aircraft Systems PMO, USA
11.20	UAS & UGV IN THE GERMAN ARMY: CHALLENGES & DEVELOPMENTS Lieutenant Colonel Georg Neuhaus, Staff Officer Army Airborne development (UAS), Army Office (Heeresamt), Germany
11.40	ROTARY WING UAV IN FUTURE CIVIL DEFENCE Jarno Puff, R&D Director, Advanced Aviation Technology - A2TECH, Italy
12.00	OPEN FORUM

12.30 – 13.40 – LUNCH AND EXHIBITION

SESSION THREE – ISTAR – THE INFORMATION CHALLENGE

13.40	UAV – ACQUIRED FULL MOTION VIDEO DATA, CHALLENGES AND OPPORTUNITIES Jim Dolan, Senior Vice-President, Textron Systems, USA
14.00	IMAGE INTELLIGENCE RIDES ON UAV EXPANSION Andreas Lifvendahl, Director of Sales and Marketing, IMINT - Image Intelligence AB, Sweden
14.20	SWIMMING IN SENSORS DROWNING IN DATA James Srinivasan, Senior Systems Engineer, 2d3 Ltd., UK
14.40	GROUND UAS SEGMENT IN THE MODERN BATTLEFIELD Uri Bornstein, Ground Segment Innovation Team Leader, IAI Malat, Israel
15.00	OPEN FORUM

15.30 – 16.00 – REFRESHMENTS AND EXHIBITION

SESSION FOUR – PROJECTS

16.00	THE CAMCOPTER® S-100 VTOL UAS: PROVEN MARITIME AND LAND APPLICATIONS Neil Hunter, Managing Director, Schiebel Elektronische Geraete GesmbH, Austria
16.20	TALARION – EADS Franz Bucher, Marketing and Sales UAV Systems, EADS – Deutschland GmbH, Germany
16.40	OPEN FORUM

17.00 - 18.00 – DRINKS RECEPTION

19.30 – GALA DINNER SPONSORED BY NORTHROP GRUMMAN

UV Europe 2010

Programme Day Two – Wednesday 30 June 2010

08.00 - 09.00 – REFRESHMENTS AND EXHIBITION

09.00	CHAIRMAN'S OPENING REMARKS Air Vice-Marshal (Ret'd) Martin Routledge, Shephard Consultant, UK
09.10	NATO'S CONCEPT OF EMPLOYMENT FOR UAS Colonel Jay Bickley, Branch Head, Combat Air, JAPCC, Germany

SESSION FIVE – OPERATIONAL EXPERIENCES

09.30	ITALIAN OPERATIONS WITH PREDATOR Lieutenant Colonel Luca Comini, Surveillance and Reconnaissance Section Chief, Italian Air Force, Italy
09.50	HERON ON OPERATIONS David Hammel, R&D Manager and Innovation team leader, Malat Division, IAI, Israel
10.10	OPEN FORUM

10.30 – 11.00 – REFRESHMENTS AND EXHIBITION

SESSION SIX – OPERATIONAL EXPERIENCES

11.00	SHADOW ON OPERATIONS Rami Preis, Director ,International Programmes – Europe, AAI Corporation, USA
11.25	UGV IN THE EOD ROLE Trevor Hughes, Senior Engineering Manager, Unmanned Ground Vehicles, Northrop Grumman UK
11.50	OPEN FORUM

12.20 – 13.40 – LUNCH AND EXHIBITION

SESSION SEVEN – MEETING FUTURE NEEDS

13.40	NATO'S AGS PROJECT Lieutenant Colonel Andreas Korb, Operations Specialist, NAGSMA, Belgium
14.10	INDUSTRY SLOT AVAILABLE
14.30	OPEN FORUM

15.00 - 15.30 – REFRESHMENTS AND EXHIBITION

SESSION EIGHT – MALE & HALE UAV

15.30	ULTRA HALE, THE HOLY GRAIL: ACHIEVING THE OPTIMUM HALE UAV Paul Dev, President, D-Star Auraayan, USA
15.50	EO/IR SENSORS FOR MALE/HALE UAV'S George J DeCock, Director, Int'l EO/IR Sensors, L-3 Wescam, Canada
16.10	OPEN FORUM

16.30 – CONFERENCE CLOSE

UV EUROPE 2010 VISITOR REGISTRATION & DELEGATE BOOKING

For enquiries call +44 (0)1753 727017 or email bookings@shephard.co.uk

Fax this form back to +44 (0)1753 727002

section A YOUR INFORMATION (all fields are mandatory)

Title: _____ First name: _____ Surname: _____
 Job title: _____ Organisation: _____
 Address: _____
 _____ Post/Zip Code: _____ Country: _____
 Telephone: _____ Fax: _____ Email address: _____

Which of the following best describes your job title?

- General Officer/President/MD/CEO Junior Officer/Junior Management NCO Operator Other (please specify)
 Senior Officer/Senior Management Executive Analyst Technician

Please indicate your selection clearly using a tick and delete where applicable.		Rates EXCLUDE 21% Belgian VAT.		
Delegates	Standard rates	5% Discount Groups 3 to 5 Delegates *	10% Discount Groups 6 to 10 Delegates *	25% Discount One-day rate *
Industry rate	<input type="checkbox"/> €519	<input type="checkbox"/> €494	<input type="checkbox"/> €467	<input type="checkbox"/> €389
Exhibitor/Supporting Association Member rate	<input type="checkbox"/> €454	<input type="checkbox"/> €431	<input type="checkbox"/> €408	<input type="checkbox"/> €341
SME rate (Businesses with 250 employees or less)	<input type="checkbox"/> €337	<input type="checkbox"/> €320	<input type="checkbox"/> €303	<input type="checkbox"/> €252
Military/Government rate	<input type="checkbox"/> €259	<input type="checkbox"/> €246	<input type="checkbox"/> €233	<input type="checkbox"/> €194
OF5 and above plus Civil Servants Band B2	<input type="checkbox"/> FREE (subject to availability)			
Visitor Exhibition Pass	<input type="checkbox"/> FREE – 10.00-12.00/14.00-16.00 – excludes refreshments, lunch and conference admittance			
Total number of delegates attending: _____				

* For group bookings please photocopy this form and repeat section A for each additional delegate (all rates listed are per delegate)

section B Please complete if you are a paying delegate

PAYMENT METHOD (TICK AS APPROPRIATE)

Invoice

Please send me an invoice

Cheque

Enclosed is my cheque for €

Please include 21% of Belgian VAT

Cheques should be made payable to:

Shephard Conferences and Exhibitions Limited

Bank Transfer

Transfer to: **Shephard Conferences and Exhibitions Limited**, National Westminster Bank plc, 63 High Street, Burnham, BUCKINGHAMSHIRE, SL1 7JU, UK

EURO Account number 550-00-40199142

Swift code NWB KGB 2L

Card

Please debit my: AMEX Mastercard Visa the sum of €

Card number: CVN: found on reverse of card

Expiry date: / Start date: /

Signature of card holder:

Date: / /

Credit card payments for sponsorship and exhibition packages will be subject to a surcharge of 2.5%.

Signature _____ Date / /

DATA PROTECTION

Your details will be held confidentially and will only be used by The Shephard Group to process your order and provide you with additional news and information on Shephard products. Occasionally we may make our lists available to carefully screened third parties.

Place a clear X in the box if you do not wish to receive information of interest from other companies approved by The Shephard Group.

Place a clear X in the box if you do not wish to receive information about new events and offers from The Shephard Group.

DELEGATE TERMS AND CONDITIONS

- No delegate will be allowed into conference sessions unless full fees have been received prior to the event.
- Registrations within 7 days of the event must be made by credit card.
- Delegate places may not be shared.
- Substitution of delegates is permitted, provided that the organisers are informed in advance in writing.
- Once a booking form has been received by the organisers and joining instructions issued, any cancellation, which must be received in writing, will be subject to the following:
 - All cancellations received more than one calendar month prior to the event will be subject to a 10% administration fee.
 - No refund of delegate fees will be made for cancellations received within one calendar month of the event.
- By providing your email address on this booking form, you consent to The Shephard Group using this to inform you of other products and services.
- These terms and conditions apply to delegate bookings only. Exhibitor terms and conditions can be obtained on request.