

Monday April 23, 2012

09:00 Opening Ceremony of UNVEX12 - by the Secretary of State of Defence Mr. Pedro Argüelles Salaverría

CONFERENCE PROGRAM - ROOM A*

	CONFERENCE	CONFERENCE
SESSION 1 - OPENING AND GENERAL VIEW		
10:00	Welcome and introduction to Conference	Chaired by Tte. Gral.(Rsve) Juan Antonio Del Castillo Masete. Chairman of the Technical Committee of UNVEX'12
10:10	The Spanish view of Unmanned Systems development and future.	Mr. Julián García Vargas. Chairman of TEDAE (Spanish Association of Defence and Aerospace industries).
10:30	The EDA role in the future R&T projects for UAS.	Mr. Christian Bréant. Director of Research & Technology. EDA.
10:50	State of the Art in aerial unmanned platforms.	Mr. Francisco Muñoz. Director of Aeronautical Programmes. INTA.
11:10	COFFEE - BREAK	
SESSION 2 - TECHNOLOGY		
11:45	European Support to Programmes for Unmanned Systems Technologies.	Chaired by Mr. Pablo Perez- Illana. European Comission. GD Research and Development.
12:05	The challenge of integrating systems in UAS.	Mr. Carlos Mesuro Tena. PMO UAS Programme Manager. CASSIDIAN.
12:25	Current Challenges in UAS.	Mr. Kimon P.Valavanis. Professor and Chair, Electrical and Computer Engineering. University of Denver (USA).
12:45	Coordinated operation of UAV in critical conditions.	Mr. Aníbal Ollero. Professor of the University of Seville and Scientific Director of FADA-CATEC.
13:05	Application of UAV as dual platform for aerospace research. PERIGEO Programme.	Mr. Augusto Caramagno. Director of Aerospace Engineering Bussiness Unit. DEIMOS.
13:25	Technical Challenges to integrate RPA's in the aerospace.	Mr. Pablo González Sánchez-Cantalejo. Director of Unmanned Systems. INDRA.
13:45	Q & A	
14:00	LUNCH	
SESSION 3 - OPERATION I		
15:30	Strategic and operational concept for the operation of UAV in Spain.	Chaired by Col. Ángel Valcárcel. Chief of the Plans Division. Air Force Staff.
15:50	JAPCC Programme.	LtCol. Javier Fernández Fernández. Plans Division. Air Force Staff.
16:10	Present and Future of Unmanned Systems in the Guardia Civil operations.	Lt. Col. Emilio José Guilló Leoné. Maintenance Group Chief of the G. C. Air Service.
16:30	Programme EUROSUR.	Mr. Zdravko Kolev. R&D. FRONTEX.
16:50	The UAVs and forest fire: Prevention, detection, evaluation and combat.	Mr. Agustín Arjonilla. General Director. NITROFIREX. Mr. Alexander Burwitz. Operations Director. NITROFIREX.
17:10	Q & A	
18:00	WELCOME COCKTAIL	

* Instant translation Spanish-English.

CONFERENCE PROGRAM - ROOM A*

Tuesday April 24, 2012

	CONFERENCE	SPEAKER
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SESSION 4 - CERTIFICATION AND TRAINING

09:00	Introduction to the Session.	Chaired by Col. Rafael Emilio Sánchez Gómez. Plans Division Air Force Staff.
09:10	Education and training of operators. Getting the licence.	Col. Alejandro Monedero. Director of GRUEMA.
09:30	Training and Qualification.	Col. Javier Sancho Sifre. Spanish Army.
09:50	The certification of UAS in the Spanish military field.	Mr. Eduardo Sanchiz. Responsible of UAV. Department of Certification. INTA.
10:10	The process to certify an automatic pilot.	Ms. Patricia Rodríguez Dapena. Founder Director and CEO of SoftWcare and SoftQcare.
10:30	Q & A	
10:45	COFFEE - BREAK	

SESSION 5 - REGULATION AND INTEGRATION

11:30	Communications as a key element in the integration of UAV in non-segregated aerospace.	Chaired by Mr. Miguel Ángel García Primo. Technical Director. HISDESAT.
11:50	Perspective of ICAO on security for UAS.	Mr. Benoît Verhaegen. Senior External Relations and Legal Officer. ICAO
12:10	Perspective of EUROCONTROL on european integration for UAS.	Mr. David Booth. Responsible for airport integration of UAS. EUROCONTROL
12:30	Integration of UAVs in non-segregated aerospace.	Mr. Abdoulaye N'Diaye. Chief Executive. EUROCAE.
12:50	SESAR UAS initiatives.	Mr. José Antonio Calvo Fresno. Chief Regulatory Affairs. SESAR.
13:10	The legal perspective on UAV's operations.	Ms. Inés de Alvear. Lawyer. Coordinator of Defense and Aerospace Group. URÍA MENÉNDEZ.
13:30	Q & A	
14:00	LUNCH	

SESSION 6 - OPERATION II

15:30	Applications of Aerial Unmanned Systems in the Navy.	Chaired by CN Gregorio Bueno Murga. Plans Division. Navy Staff.
15:50	Operations of Sea Gliders.	Mr. Alberto Álvarez. Scientific. NURC. NATO.
16:10	Integration of UUV in Submarines.	Mr. Eusebio Martínez Conesa. Responsible for weapons Systems. Cartagena Shipyard NAVANTIA.
16:30	Application of Unmanned Sea Vehicles in civil and security operations.	Mr. José Luis de Miguel. Responsible for unmanned marine vehicles. ISDEFE.
16:50	Applications of Unmanned Systems in the Army.	LtCol. Carlos Vera Sibajas. Intelligence, section UAVs. Operations Division. Army Headquarter.
17:10	Sensors Interoperativity.	LtCol. Philippe Juvé. French Army.
17:30	Q & A	
18:00	COCKTAIL	

CONFERENCE PROGRAM - ROOM A*

Wednesday April 25, 2012

	CONFERENCE	SPEAKER
SESSION 7 - INTERNATIONAL VIEW		
09:00	Introduction to the Session. Global Vision on UAV's.	Tte. Gral.(Rsve) Juan Antonio Del Castillo Masete. Chairman of the Technical Committee of UNVEX'12.
09:20	Old threats of the new century.	Mr. Dennis E. Kloske. Former Secretary of State to the Ministry of Defense. USA.
09:50	Operation of UAV's in Canada.	Mr. Wayne Crowe. Chairman of UV Canadá.
10:10	Use of UAS data for the monitoring of illicit activities in the Amazon.	Ms. Eristelma T. de Jesús Barbosa. Ministry of Defence. Brazil.
10:30	Operational concept of UAS in México.	Mr. Adrián Peña Cervantes. Air impact, Mexico.
10:50	Q & A	
11:00	COFFEE - BREAK	
SESSION 8 - INDUSTRY		
11:30	The support of CDTI to R&D Programs.	Chaired by Mrs. Eva Martínez Pradel. Chief of the Aeronautics, Transport and Security Department. CDTI.
11:50	The FCAS Programme.	Mr. Álvaro de Andrés González. EF2000 Technical Director and Design Authority. CASSIDIAN.
12:10	Technological Challenges on the UAS safety.	Mr. Daniel Cobo-Vuilleumier. UAS Programs. INDRA.
12:30	Integrated unmanned model for Defense.	Mr. Jacobo Landeira. Defense Business Development Manager. THALES ESPAÑA.
12:50	The future of unmanned missions.	Mr. Juan R. Gómez. Business Development Executive. INSITU, Inc. A Boeing Company.
13:10	The cooperation University - Industry in Unmanned Systems.	Mrs. Cristina Cuerno. Professor of the ETSIA. Department of aerospace vehicles. Polytechnic University of Madrid UPM.
13:30	Q & A	
14:00	LUNCH	
SESSION 9 - OPERATION III		
15:30	Perspectives on Unmanned Ground Vehicles in the Spanish Army.	Chaired by LtCol. Guillermo Jenaro de Mencos. Systems Engineering. Logistic Support. Army Staff.
15:50	Application of UAVs in Marine Rescue.	Mr. Joaquín Maceiras. Operations Manager. SASEMAR.
16:10	The application of fleet of robots in agriculture.	Dr. Pablo González de Santos. Director of the Department of Automatic Control. CSIC.
16:30	Robotic Assitant for rescue.	Dr. Anthony Mandow. Professor School of Engineering. University of Málaga.
16:50	UAS Integration of information.	Mr. Julio Rejas. Director of UAS Working Group of the PROMETEO Program.
17:10	Q & A	
17:30	OFFICIAL CLOSING	Mr. Ignacio Cosidó. General Director of Police.
18:00	COCKTAIL	