

9:00-10:00 OPENING CEREMONY

10:00-11:30 PLENARY ROOM: INTERNATIONAL PROGRAMS

Moderator: Admiral José Luis Urcelay Verdugo, Spanish Military Representative to NATO & EU Military Comitees
 Speakers: Nicolás Pascual de la Parte, Spanish Embassador to NATO
 Dr. Catherine Warner, General Director of the Centre for Maritime Research and Experimentation
 Pierre Delsaux, Deputy Director General for Internal Market, Industry, Entrepreneurship & SMEs. DG GROW.
 Martin Konertz, EDAP. EDA
 Maj. Gen. Arturo Alfonso Meiriño, Director of OCCAR
 Maj. Gen. Manione, Deputy Director General EUMS

11:30-12:00 Coffee break

12:00-13:30 PLENARY ROOM: DOCTRINE AND OPERATION OF REMOTE PILOTED SYSTEMS

Moderator: Lt. Gen. (SPA Army) Fernando José López del Pozo, Commandant Operational Command (CMOPS)
 Speakers: VAdm. Eugenio Díaz del Río, Chief of Staff (MARCOM. NATO)
 RAdm. Benigno González-Aller Gross, Chief of the Planning Division, Joint Staff (EMACON)
 GB Juan Pablo Sánchez de Lara EMA/GJDPL
 Maj. Gen Luis Manuel Martínez Meijide, Chief of the Planning Division, Army General Staff (EME)
 GB Antonio Martínez Manzanares, Chief of Support to Intelligence. CIFAS

12:00-13:30 WORKSHOP ROOM I: MULTINATIONAL COOPERATIVE PROGRAMS

Moderator: Emilio Tuñón, Deputy Director Life Cycle Management. NSPA. OTAN
 Speakers: Chief of EUROMALE International Program
 Miguel Ramos, Engineering & Project Support Branch Chief, Air&Land Combat System Programme. NSPA. OTAN
 Antonio Russo, UAS Support Section Chief, Air&Land Combat System Programme. NSPA. OTAN
 Fernando Barbero, Representative of EU Program OCEAN 2020
 Col. Santiago Ibarreta Ruiz, RPAS Program Manager. SDG GESPRO/DGAM
 Representative of THALES. Watchkeeper Programme

12:00-13:30 WORKSHOP ROOM II: INICIATIVES WITH NEW TECHNOLOGIES

Moderator: Maj. Gen. Manfredo Monforte Moreno, Deputy Director General of Terrestrial Systems. INTA
 Speakers: Efrén Alonso, University of León. "Nertra" Project
 TCol. José Luis Rivera Pardo, Chief Land Vehicles Dept. INTA
 Representative of INDRA. USV OPV Project
 Representative of THALES. Stratobus Project
 Augusto Caramagno, Senior Manager SENER Space Dept.

13:30 Lunch

14:30 Bus departure to Air Base "Virgen del Camino"

15:00 " REAPER". CAPABILITIES AND OPERATION

Moderator: Col. José Antonio Gutiérrez Sevilla, Chief of the Air Base and Director of the AF Basic Academy
 Speakers: Maj. Jaime León Villalón, EMA/DPL/SEPRO
 Tcol. Jérôme Mary, Head of the 1/33 Drones Squadron, Air Base 709 of Cognac.
 Representative from Italy
 Stuart Swinnutt, Wing Commander (UK)
 Representative from USA

16:00 LIVE DEMONSTRATIONS in "Virgen del Camino" Air Base

18:30 Bus departure to "Palacio de Exposiciones"

PUBLIC AFTERNOON CONFERENCES

PLENARY ROOM

<p>15:00-16:30 Carlos Bernabeu, ARBOREA INTELBIIRD. "Innovation in Castilla y León" RPAS and Meteorology Meteorological services for the calculation of trajectories Politecnico University of Madrid</p>	<p>17:00-18:00 New era of transport. Nertra System Transportation in the future Legislation for the unmanned vehicles U-Space</p>
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WORKSHOP ROOM

<p>15:00-16:30 RPAS propulsion technology RPAS, University of Oviedo Manuel Oñate, "Dreams" Project</p>	<p>17:00-18:00 NERTRA Project José Angel Villalpando, THALES Company Company</p>
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9:00-10:30 PLENARY ROOM: INTEGRATION IN AIR SPACE, A CHALLENGE

Moderator: GB José María Juanas García EMA/GJDOP
Speakers: Representative of SESAR (TBC)
 Juan Ignacio del Valle. Project Officer Air Programmes. EDA
 Col. José Vicente Nieto Guerrero. EMA/DOP/SESPA
 Bartolomé Marqués Balaguer, Deputy General Manager of Aeronautic Systems. INTA
 Representative of ISDEFE. U-SPACE System and integration with ATM

10:30-11:00 Coffee break

11:00-12:30 PLENARY ROOM: INDUSTRY PERSPECTIVE

Moderator: Pedro Fuster González. Deputy Director of Industrial Strategy/DGAM
Speakers: Micha Cornick, DG GROW EDIP
 Jaime de Rábago. President of TEDAE
 Javier Barcala. INDRA
 Representative of THALES

12:00-13:30 WORKSHOP ROOM I: RPAS CAPABILITIES. PAYLOADS

Moderator: GD Salvador Álvarez Pascual, Deputy Director of Programs Management/DGAM
Speakers: Ltn. Col. Néstor Adolfo Ganuza Artilles. Head of Simulation and Audit Branch, Joint Cyberdefence Command (MCCD)
 Commander José Arias Fernández. Initial ISR Squadron, OPS. Surveillance. AGS
 Neil Tower. Wing Commander (UK)
 Mr. Chris Ames. Vice President of GENERAL ATOMICS AERONAUTICAL SYSTEMS

12:00-13:30 WORKSHOP ROOM II: C-VAS AND PROTECTION

Moderator: Maj. Gen. José Antonio Herrera Llamas Chief of the Joint Concept Development Centre (CCDC)
Speakers: Lieutenant Colonel (DEU Army) Jens Uwe Langner, C-IED COE AtN Prevention Chief
 Lt. Col. Manuel Mateo Alonso, SDG PLATIN. DGAM
 Miguel Acitores. INDRA
 Gonzalo Arechaga, Product Manager. THALES
 Representative of AERONAUTICS

12:00-13:30 WORKSHOP ROOM III: TRAINING

Moderator: Maj. Gen. (SPA AF) Enrique Biosca, Director for Education and Training SPA AF
Speakers: Maj. David Gutiérrez Quintanilla. GRUEMA / UAS Academy
 Cte. Alberto Padilla. Head of Studies at Director of Aviation Training Center of Spanish Army
 LtCdr. David Juárez Galán, Chief of the Flight Safety of the Spanish Navy Aircraft Fleet (FLOAN)
 Stuart Gwinnutt. Wing Commander (UK)

13:30 Lunch

14:30 Bus departure to "Conde de Gazola" Base

15:00 PRESENTATION OF BASE "CONDE DE GAZOLA" AND RPAS ACTIVITIES

Moderator: Maj. Gen. Luis Carlos Torcal. Head of the Field Artillery Command.
Speakers: Col. Carlos Calvo, DGAM. RAPAZ and CONDOR programs.
 Ltn. Col. Jesús Ángel del Barrio Rodríguez. Chief of GROSA

16:00 LIVE DEMONSTRATIONS in GAIL facilities. Base "Conde de Gazola"

18:30 Bus departure to "Palacio de Exposiciones"

PUBLIC AFTERNOON CONFERENCES

PLENARY ROOM

15:00-16:30 Ramón Herrero DG INDUSTRY. SDG Defense Programs.
 José Antonio Tebar. CDTI (Spanish Industrial R&D Center).
 Scheme for R&D aids
 José Francisco de Diego. Support of Junta CyL to Industry 4.0
 INCIBE. Cybersecurity in unmanned vehicles.

17:00-18:00 A new mobility model
 Reinterpretation of the cities.
 Energy consumption of autonomous vehicles. Networks
 Trip around León with an unmanned vehicle.

WORKSHOP ROOM

15:00-16:30 AUVSI Spain. Presentation
 Supercomputing Center of Castilla y León (SCAYLE)
 JUNTA CyL. Innovation Hub in Cybersecurity and new technologies.
 Additive Manufacturing. University of León

17:00-18:00 Graciliano Álvarez. CEO of ILDEFE. City Hall León.
 UGV applications in Defense & Security. University of Valladolid and Salamanca
 Company
 Company

8:30-10:00 UNIDAD MILITAR DE EMERGENCIAS

U.M.E. (Military Emergencies Unit) SIMULATION WITH DRONES. UME facilities in "Conde de Gazola" Base
C-UAS/ANTIDRONE SYSTEMS DEMONSTRATION

9:00-10:30 PLENARY ROOM: OPERATIONAL EXPERIENCE

Moderator: RAdm. (SPA N) Antonio Piñero Sánchez. ACOS for Operations, Operational Command (MOPS)
Speakers: LtCdr. Santiago Yáñez Gómez, Head of the 11th Armada Aircraft Squadron.
Col. Ángel Segundo Gómez González. Chief of Intelligence Regiment number 1 of the Spanish Army Operation in Afghanistan
Cte. Agustín Donato Lozano Gay. Squadron of Paratrooper Sappers. EA
Representative of Italy (TBC)
Representative of United States (TBC)

10:30-11:00 Coffe break

11:00-12:30 PLENARY ROOM: APPLICATIONS OF REMOTE PILOTED SYSTEMS FOR SECURITY

Moderator: Representative of the Spanish Ministry of Interior (TBC)
Speakers: Lt. Col (Guardia Civil, GC). José Miguel García Malo de Molina Martínez, Head of the GC Helicopters Group.
César Diego López, Ministry of Interior. SDG Information Systems
Juan de las Heras, Project Officer for RPAS. EMSA (European Maritime Safety Agency)
Inspector Santiago Castanys Jerónimo, National Police (CN Policía)
Representative of FRONTEX (TBC)
Martín Muñoz Navarro. Chief Steward. Local Police of León

12:30-14:00 PLENARY ROOM: APPLICATIONS OF DRONES AND RPAS IN EMERGENCIAS

Moderator: Fernando Prieto. Deputy Director of Innovation, CIS y TIC. DGPCE
Speakers: Lt. Col. (SPA AF) Juan Soriano Paradinas, Head of Air Operations. UME (Spanish Emergency Military Unit)
Ionut-Lucian Homeag, Representative of the Emergency Response Coordination Center (ERCC) of the European Commission
Juan Carlos Suárez-Quñones y Fernández, Mannaging Director of Development and Environment of Castilla y León Council
Ltn. Col. Jesús Angel del Barrio Rodríguez, Chief of GROSA
José Manuel Jaquotot Sáenz de Miera, Deputy Director General of Forestry (General Directorate of Rural Development and Forest Policy)

14:00 CLOSING CEREMONY

FAREWELL COCKTAIL