



SPANISH  
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FORUM

#SSSIF2020

# AGENDA

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# AGENDA

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tuesday 25th

8:00-9:00	REGISTRATION - WELCOME COFFEE	
9:00-10:00	WELCOME OPENING (Mayor of Málaga, Regional Government, other authorities)	
10:15-10:30	PLATINUM SPONSOR SPEECH EVERIS ADS	
10:30-11:00	ANDRÉS MARTÍNEZ - NASA HQ Small Satellites Supporting Deep Space Exploration	ks
11:00-11:30	ROGER WALKER - ESA ESTEC Science & Exploration	ks
11:30-12:00	STANLEY O. KENNEDY JR - OAKMAN AEROSPACE Hybrid-Architectures & Mesh Network Topologies for Multi-Domain Operations	ks
12:00-13:30	LAUNCHERS OPPORTUNITIES CHAIRMAN - Pablo Lario (AIRBUS DS)	Raúl Torres - PLD SPACE Philip Bracken - SPACEFLIGHT Florent d'Heilly - ARIANESPACE Tom Ochiner - SPACEX Joshua Brost - RELATIVITY P
13:30-14:30	LUNCH	
14:30-15:30	SPACE DEBRIS & SPACE SURVEILLANCE CHAIRMAN - Luca Salotti (ASI)	Filippo Graziani - GAUSS SRL Cor. Eliseo Pérez - SPANISH AIRFORCE Jeroen Rotteveel - ISIS Eduardo Urgoiti - SENER AEROESPACIAL Guillermo Monzón - INDRA P
15:30-16:00	COFFEE BREAK	Poster Session 1/ Exhibition
16:00-18:00	OUTSTANDING CONTRIBUTIONS CHAIRMAN - Roger Water (ESA ESTEC)	P41- Integration & Launch of the University Class Microsatellite UPMSat-2 José Miguel Álvarez - UPM P43- SmallSat Design Specification John M. Bellardo - CALPOLY P19- Redesign of the communications subsystem of Aistech-2 & its implementation in Aistech-3 Manuel Moreno-Ibáñez - AISTECH SPACE P38- ANGELS 12U CubeSat-Solar Array development & qualification Jorge García - DHV TECHNOLOGY P15- FFSCAT: a CubeSat Mission for Earth Observation of the Polar Regions Adriano Camps - UPC, IECC P36- In-orbit results of an ECSS Packet Utilization Standard Implementation for SmallSats Alberto González Muíño - ALÉN SPACE P31- PocketQubes, a fast and viable solution for LEO IoT/M2M Constellations Vicente González Negro - EVERIS ADS P07- Multilayer Architecture based in MPSoC Technology for Space System Applications Aránzazu Fernández Álvarez - SENER AEROESPACIAL S
20:00	CONGRESS DINNER SPONSORED BY EVERIS DS	

8:00-8:30	REGISTRATION - WELCOME COFFEE		
8:30-9:00	JEAN-JACQUES DORDAIN - HEAD OF THE SATLANTIS BOARD OF ADVISORS Beyond New Space		ks
9:00-9:30	FERNANDO AGUADO - UNIVERSITY OF VIGO Examples of future enabling technologies for CubeSat mission: wireless power transfer (Wp Therm) and Optical Communications		ks
9:30-10:20	GROUND SEGMENT CHAIRMAN - Igor Alonso Portillo (KSAT)	Eduardo Cruz - GOMSPACE Lola López Gilabert - ASTROCAST Miguel Ángel Molina - GMV Kattia Flores Pozo - PLANET	P
10:20-10:50	COFFEE BREAK	Poster Session 2/ Exhibition	
10:50-12:05	POCKETQUBES CHAIRMAN - Juan Enrique Glez. Laguna (EVERIS ADS)	Julián Fernández - FOSSA SYSTEMS Félix Páez - AMSAT EA Tom Walkinshaw - ALBA ORBITAL Stefano Speretta - DELFT UNIVERSITY	P
12:05-13:05	MOON AND ASTEROID EXPLORATION CHAIRMAN - Álvaro Giménez (CSIC)	P04- Proba-3: implementing a large solar instrument with small satellites flying in formation Luis F. Peñín - SENER AEROESPACIAL, ESA/ESTEC P09- iSIM payload from first mission to Smart Imaging Concept Juan Tomás Hernani - SATLANTIS MICROSAT P28- Upgrade of the Morehead State Univ. 21m Antenna to DSN Compatibility for Deep Space CubeSats E. Jay Wyatt - JET PROPULSION LAB, MOREHEAD STATE UNIVERSITY P40- A mission to deliver small payloads to the Moon and beyond Andrés E. Villa - UARX SPACE	S
13:05-14:20	LUNCH		
14:20-14:50	Juan Carlos Cortés - CDTI/ESA		
14:50-15:50	MISSIONS AND IOD CHAIRMAN - Fernando Aguado (UNIVERSITY OF VIGO)	P22- DRAGO, a compact & uncooled space camera for small satellites observing the SWI Alfonso Ynigo Rivera - IAC P12- Compact 3D-printed ceramic GNSS antenna for Cubesats Ksenia Sharshavina - ANYWAVES P13- Large Deployable Offset Fed Antennas for Cubesats José Nieto Mocholí - COMET ING, EOS ING, OPEN COSTMOS, IEEC/CTE-UPC P17- Is there a new business model pattern of which the EO market could take advantage of? Catalina M. Pascual -UPC	S
15:50-17:05	MARKET AND FUTURE VISIONS OF SMALL SATELLITE PLATFORMS CHAIRMAN - Jordi Puig-Suari (CALPOLY)	P42- Sateliot Space Adventure Jaume Sanpera - SATELIOT P30- 5G Solution for Small Satellite Communication Missions Per Koch - GATEHOUSE TELECOM P34- GMV'S experience with CubeSat and Required Technologies Francisco Javier Atapuerca - GMV AEROESPACE & DEFENCE P02- Bartolomeo the New AIRBUS ISS External Platform Yannick Jego - AIRBUS DEFENCE & SPACE P33- A novel approach to High-Performance Optical Payloads for Cubesats Johan Du Plooy - SIMERA SENSE	S
17:05-17:20	COFFEE BREAK	Poster Session3/ Exhibition	
17:20-18:20	NEW SPACE INDUSTRY & FINANCE CHAIRMAN - Miguel A. Vázquez (DHV TECHNOLOGY)	Inmaculada Serrano - DEIMOS ENGINEERING Guillermo Valenzuela - ALSTECH Juan Tomás Hernani - SATLANTIS MICROSATS Guillermo Lamelas - ALÉN SPACE Rafael Navarro - THALES ALENIA SPACE SPAIN Vicente Díaz - DHV TECHNOLOGY	P
19:30	COCKTAIL SPONSORED BY DHV & EXHIBITORS		

8:00-8:30	REGISTRATION - WELCOME COFFEE	
8:30-9:00	JORDI PUIG-SUARI - CALPOLY CubeSat Innovation Observations	ks
9:00-9:30	KLAUS SCHILLING - ZENTRUM FÜR TELEMATIK EV Future Satellites: Smart, Small, Networked and Cooperative?	ks

9:30-10:30	COMMERCIAL SOLUTIONS BASED ON CONSTELLATIONS CHAIRMAN - Pedro Pintó Marín (HISPASAT)	Dan Isaac - SPIRE Jeremy Lui - ICEYE Luis Berdejo - ONEWEB SATELLITES Francisco Bertona - SATELLOGIC	P
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10:30-11:45	TECHNOLOGY DEVELOPMENTS I CHAIRMAN - Vicente Díaz (DHV TECHNOLOGY)		
	P01- Design considerations for a Smallsats Colloid Thruster Propulsion System Enric Grustan-Gutiérrez - UNIVERSITY OF GLASGOW		
	P03- Tether and robotics technology demonstration Pico-Satellites "STARS" Masahiro Nohmi - SHIZUOKA UNIVERSITY		S
	P05- Efficient & versatile data compressor for CubeSat onboard computers & data handling systems Jordi Portell - IECC-ICCUB, UPC		
	P08- The shape of things to launch: the case for a Spanish National Space Legislation & better access to Space M. Lucas-Rhimbassen/M. Yagües - UNIVERSITY OF TOULOUSE, PLD SPACE		
	P11- Testing approaches for Smallsats in the New Space Environment Eladio Montoya - ALTER TECHNOLOGY		

11:45-12:15	COFFEE BREAK	Poster Session 4/ Exhibition
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12:15-13:30	TECHNOLOGY DEVELOPMENTS II CHAIRMAN - Luis Fernando Sánchez (SENER)		
	P10- REGULUS QM: Testing Campaign results and integration into Unisat-7 Elena Toson - TECHNOLOGY FOR PROPULSION AND INNOVATION		
	P39- uSADA: miniaturised solar array drive assembly for 6U/12U Cubesat Andrea Negri - IMT SRL		S
	P37- Mission Control as a service, an end-to-end mission management solution Silver Lodi - SPACEIT		
	P26- Machine learning tool for Space Debris detection by Nano-Satellite Mission Lubna Arif - ALIGARH MUSLIM UNIVERSITY, TALTECH, SGAC		
	P32- 3D MGSE-more efficient mass production of small satellites Maciej Urbanowicz - MURB SPACE		

13:30-14:30	ELECTRIC PROPULSION CHAIRMAN - Alberto Garbayo (AVS) Market needs, alternative propellants & key challenges	David Krejci - ENPULSION Off-the-shelf propulsion systems for small satellites Elena Toson - T4i Let's make satellites dance! Ane Aneesland - THRUSTME Small Satellite propulsion systems at ThrustMe Daniel Pérez - IENAI Fully scalable propulsion systems based on electrospray technologies	P
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14:30-14:45	CLOSING AND CONCLUDING REMARKS
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ks KEYNOTE SPEAKER

P PANEL

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