

MONDAY 08 FEBRUARY 2021 // DAY 1: CONFERENCE OPENING & PLENARIES

10:00	Louis LE PORTZ, <i>3AF President</i> - Manuel HEITOR, <i>Minister of Science (Portugal)</i>							
10:40	COFFEE BREAK							
11:00	HEAD OF AGENCIES ROUND TABLE: MID AND LONG TERM POLICIES							
12:30	KEYNOTE SPEECH #1 : <i>Chiara MANFLETTI, Portugal Space President</i>							
13:00	LUNCH							
14:30	PRIMES AND OPERATORS VS SUPPLIERS: SPACE TRANSPORTATION							
16:10	COFFEE BREAK							
16:30	PRIMES AND OPERATORS VS SUPPLIERS: SPACECRAFT							

END OF DAY 1

TRADITIONNAL DINNER

TUESDAY 09 FEBRUARY 2021 // DAY 2: SPACE DEMOCRATIZATION

08:30	KEYNOTE SPEECH #2: From reusability to space planes daily flights - <i>Marc VALES, Vice President Space Programs - Dassault Aviation</i>							
09:10	SESSION 1 - ST System Modelling	SESSION 2 - ST Solid Rocket Motors	SESSION 3 - ST Components - Comb Chamber & Ignition 1	SESSION 4 - SC Cubesat Propulsion 1	SESSION 5 - SC Fluid Systems 1	SESSION 6 - SC Hall Thrusters 1	SESSION 7 - SC Micropropulsion 1	SESSION 8 - SC Low Power EP 1
11:10	COFFEE BREAK							
11:30	SESSION 9 - ST Engine developments 1	SESSION 10 - ST Programs 1	SESSION 11 - ST Modeling Thrust chamber	SESSION 12 - SC Cubesat Propulsion 2	SESSION 13 - SC Fluid Systems 2	SESSION 14 - SC Hall Thrusters 2	SESSION 15 - SC Micropropulsion 2	SESSION 16 - SC Low Power EP 2
13:10	LUNCH							
14:00	PLENARY ROUND TABLE #4: Micro-launchers, Spaceports and Global Ambitions: Behind the Scenes - <i>Moderator: Chiara MANFLETTI - Portugal Space</i>							
16:10	COFFEE BREAK							
16:30	SESSION 17 - ST Engine developments 2	SESSION 18 - ST SRM Modeling & Tests	SESSION 19 - ST Engine control	SESSION 20 - SC Alternate Propellants for EP 1	SESSION 21 - SC Fluid Systems 3	SESSION 22 - SC Power Processing Units	SESSION 23 - SC Modeling & Sim 1	SESSION 24 - SC Low Power EP 3
18:10	PLENARY ROUND TABLE #5: European micro-launcher & space port projects - <i>Moderators: Ulf PALMNÄS - Palmnas & Co & Jérôme BRETEAU - ESA</i>							

END OF DAY 2

WEDNESDAY 10 FEBRUARY 2021 // DAY 3: INNOVATION & NEW BUSINESSES

08:30	KEYNOTE SPEECH #3: Reusability, a leverage to accelerate emergence of new models? - <i>Gilles VIGIER</i>							
09:10	SESSION 25 - ST Components - Valves	SESSION 26 - ST Propellant tanks	SESSION 27 - ST Components - Nozzle	SESSION 28 - SC In-Orbit Servicing	SESSION 29 - GEN Overview 1 - Agencies	SESSION 30 - SC Micropropulsion 3	SESSION 31 - SC Green Propulsion 1	SESSION 32 - SC New Prop. Concepts 1
11:10	COFFEE BREAK							
11:30	SESSION 33 - ST Components Turbopumps 1	SESSION 34 - ST Modeling: Heat Fluxes	SESSION 35 - ST Components - Comb Chamber & Ignition 2	SESSION 36 - SC MPD Thrusters	SESSION 37 - GEN Fluid Systems 4	SESSION 38 - GEN Near-Surface & Atmospheric	SESSION 39 - SC Electrothermal Thrust. 1	SESSION 40 - SC New Prop. Concepts 2
13:10	LUNCH							
13:10	PLENARY ROUND TABLE #6: Future breakthrough business and applications for spacecraft propulsion - <i>Moderator: Olivier DUCHEMIN - Safran Aircraft Engines</i>							
16:10	COFFEE BREAK							
16:30	SESSION 41 - ST Electro pump systems	SESSION 42 - GEN Manufacturing & Process 1	SESSION 43 - ST Components - Comb Chamber & Ignition 3	SESSION 44 - SC Gridded Ion Engines	SESSION 45 - SC Alternate Propellants 2	SESSION 46 - SC Electrospray Thrusters	SESSION 47 - SC Green Propulsion 2	SESSION 48 - SC Modeling & Sim 2
18:10								

END OF DAY 3

GALA DINNER

THURSDAY 11 FEBRUARY 2021 // DAY 4: PROPULSION: SOLUTIONS FOR ENVIRONMENT

08:30	KEYNOTE SPEECH #4: In Situ Ressources Utilisation - <i>TBD</i>							
09:10	SESSION 49 - ST Programs 2	SESSION 50 - ST Green & New Propellants 1	SESSION 51 - ST Cryo fluids management	SESSION 52 - SC Cathodes 1 - Physics	SESSION 53 - SC Micropropulsion 4 - EP	SESSION 54 - SC Green Propulsion 3	SESSION 55 - SC Modeling & Sim 3	SESSION 56 - ISRU 1
11:10	COFFEE BREAK							
11:30	SESSION 57 - GEN Hybrid Propulsion - 1	SESSION 58 - GEN Manufacturing & Process 2	SESSION 59 - ST Components Turbopumps 2	SESSION 60 - SC Hall Thrusters 3	SESSION 61 - SC Electrodeless EP 1 (Helicon)	SESSION 62 - SC Green Propulsion 4	SESSION 63 - SC Modeling & Sim 4	SESSION 64 - ISRU 2 - Cold Gas thrusters
13:10	LUNCH							
13:10	PLENARY ROUND TABLE #7: Green propulsion for space applications between the different demands of old and new mission conditions, cost reduction, and increasing environmental and health regulations - <i>Moderator: Helmut CIEZKI - DLR</i>							
16:10	COFFEE BREAK							
16:30	SESSION 65 - GEN Hybrid Propulsion - 2	SESSION 66 - ST Green & New Propellants 2	SESSION 67 - SC Water Chemical Propulsion	SESSION 68 - SC Alternate Propellants 3	SESSION 69 - SC Electrodeless EP 2 (Helicon)	SESSION 70 - SC Green Propulsion 5	SESSION 71 - SC Modeling & Sim 5	SESSION 72 - SC Fluid Systems 5
18:10								

AWARD CEREMONY

END OF DAY 4

FRIDAY 12 FEBRUARY 2021 // DAY 5: CONCLUSIONS

08:30	KEYNOTE SPEECH #5 : Space Propulsion Conference 7th Edition Conclusions - <i>Giorgio SACCOCCIA, ASI President & Former Space Propulsion Conference Chairman</i> - <i>TBC</i>							
09:10	SESSION 73 - ST Acoustics and HF combustion instabilities	SESSION 74 - ST Modeling Combustion & Injection	SESSION 75 - SC Electrodeless EP 3 (ECR)	SESSION 76 - SC Bipropellant 1	SESSION 77 - SC Cathodes 2	SESSION 78 - SC EP Mission Analysis & Flight	SESSION 79 - GEN Overview 2 (Industry)	SESSION 80 - GEN Overview 3 (Techniques)
11:10	COFFEE BREAK							
11:30	SESSION 81 - ST Modeling - Turbo Pump	SESSION 82 - SC Thrust balances	SESSION 83 - SC Electrodeless EP 4 (ECR)	SESSION 84 - SC Bipropellant 2	SESSION 85 - SC Cathodes 3	SESSION 86 - SC Alternate Propellants 4	SESSION 87 - SC Electrothermal Thrust. 2	SESSION 88 - SC Modeling & Sim. 6
13:10	LUNCH							

TECHNICAL VISIT

END OF SP2020 CONFERENCE