



# vega-c

## INAUGURAL FLIGHT

### ENHANCING EUROPE'S INDEPENDENT CAPABILITY TO ACCESS SPACE

13 July 2022 | ESA ESRIN | Frascati (Rome), Italy



ESA's Vega-C succeeds Vega, delivering more power, greater payload volume and improved economics. This rocket heralds a new era in European spaceflight by supporting new mission possibilities, including return-to-Earth capability with Space Rider.

With two new solid propulsion stages, a new fairing and an enhanced upper stage (AVUM+), along with new ground infrastructure, flight VV21 demonstrates Vega-C's versatility, by placing a main scientific payload of ASI, LARES2, and a group of secondary CubeSats into different orbits on a single launch.

Vega-C perfectly complements the larger Ariane 6 launch system in the next generation launcher fleet at Europe's Spaceport to enhance Europe's independent capability to access space by meeting institutional, scientific, commercial, and small satellite market needs.

ON THIS OCCASION,

*The European Space Agency (ESA) and the Italian Space Agency (ASI) have the pleasure to invite you to the launch transmission at ESA ESRIN FRASCATI (ROME), LARGO GALILEO GALILEI 1, ITALY, 13 JULY STARTING AT 11:00 CEST*

### PROGRAMME

**11:00** *Doors open and registration*

**11:30** *Welcome* by Simonetta Cheli, Director of ESA's Earth Observation Programmes and Head of ESRIN, and Roberto Formaro, Director of Programmes (ASI)

**11:50** "From Vega to Vega-C": discussion moderated by Tommaso Ghidini, Head of

Structures, Mechanisms & Materials Division (ESA) - with

- Guido Levrini, EO IT National Recovery Programme Manager, Earth Observation Directorate (ESA)

- Davide Nicolini, Ariane 6 & P120C Transition Programme Manager, Space Transportation Directorate (ESA)

- Simone Illiano, Space Transportation Unit (ASI)

- Caroline Vandebossche and Daniele Barbagallo, Vega Integrated Programme Team (ESA)

- Fabrizio Fabiani, Head of VEGA Programme (Arianespace)

- Angelo Fontana, VP - Strategy and Innovation Officer, (AVIO)

**12:45** Start of live transmission from Kourou

**13:13** **LIFTOFF**

**13:40** Light buffet

**14:30** *Live transmission from Kourou*

"Vega-C Mission Capabilities" Discussion, moderated by Tommaso Ghidini, Head of Structures, Mechanisms & Materials Division (ESA) with

- Giuseppe Bianco, Head of Space Research (ASI), Claudio Paris LARES-2 team (Università degli Studi di Roma "La Sapienza"), Markus Brugger, Celesta Cubesat Project Initiator and Head of CERN Experimental Areas Group (CERN), Rebecca La Norcia, Mission Manager Alpha Cubsat (ARCA dynamics), John Robert Brucato, Principal Investigator for ABCS Cubesat (INAF)

- Daniele Francesconi, Space Rider Programme Manager (Thales Alenia Space Italy)

**15:30** End of live transmission from Kourou – Coffee break

**16:00** *Press Debriefing from Kourou – End of the event*

For info on how to get to ESA ESRIN, please consult: [ESA - Getting to ESRIN](#)