Università
Ca'Foscari
Venezia

PROJECT ACRONYM AND TITLE: **ARTIFICIAL INTELLIGENCE ASSISTED PERFORMANCE AND ANOMALY DETECTION AND DIAGNOSTIC (AIDA)**

FUNDING PROGRAMME: **ESA TENDER**

CALL: H2020-MSCA-COFUND: **ESA AO/1-9845/19/UK/AB, activity n. 1000025773, ARTES Advanced technology – EXPRO+ - Activity reference 5C.390**

SCIENTIFIC RESPONSIBLE: **Marcello Pelillo**

FINANCIAL DATA:

Project total costs	Overall funding assigned to UNIVE
400,000.00	90,000.00

ABSTRACT:
The objective of the work is to define, design and validate a machine-learning-based method for the detection of Radio Frequency (RF) anomalies and the identification of the associated root causes, with the purpose of accelerating the RF equipment performance evaluation activity, supporting the domain experts in their analysis throughout the whole development, from design to qualification and ssembly, Integration and Test (AIT).

PARTNERSHIP:

1	SATE Systems and Advanced Technologies Engineering S.r.l.	ITALIA	BENEFICIARIO
2	CA' FOSCARI UNIVERSITA' di VENEZIA	ITALIA	PARTNER
3	TASI Thales Alenia Space Italia S.p.a.	ITALIA	PARTNER