

Missions	Agency	Class	Launch	Target	PI or Co-PI in participating institutes	instruments
Giotto	ESA		1985	Komet	3 MPAe (now MPS), Uni Köln, Uni Bochum	Kameras, Magnetometer, Giotto Radio Science; Camera ended 1986
Mars rover Sojourner	NASA		1996	Mars	1 MPI für Chemie	Alpha Proton X-ray Spektrometer (APXS); endet 1997
Cluster	ESA		2000	Erd-Magnetosphäre	TU Braunschweig	RAPID spektrometer
MarsExpress	ESA		2003	Mars	2 DLR WR, FU Berlin, MPS, RIU-PF	HRSC camera, RSI Radio Science
Rosetta	ESA		2004	Komet	2 DLR, MPS	Kameras, Lander, Radiometer; ended 2016
NASA-Rover Spirit und Opportunity	NASA		2004	Mars	2 Johannes Gutenberg-Universität in Mainz, MPI für Chemie	Mössbauer-Spektrometer MIMOS II, Alpha Particle X-ray Spektrometer (APXS); ended 2010 and 2018
Mars Reconnaissance Orbiter (MRO)	NASA		2005	Mars	TU Berlin	science
Venus Express	ESA		2005	Venus	2 UniBw München, RIU-PF, MPS	VeRa Radio Science, re-use Mars-Express & Rosetta EM/FS
Lunar Reconnaissance Orbiter (LRO)	NASA		2009	Mond	DLR WR, Uni Münster	science
Mars Science Laboratory (MSL)	NASA		2011	Mars	1 Uni Kiel	„Radiation Assessment Detector“ (RAD)),
Hayabusa2/Hayabusa2#	JAXA		2014	Asteroid	2 DLR WR, RS	DLR Lander mit Kamera und Radiometer
TGO ExoMars	NASA	ESA Exploration	2016	Mars	DLR WR	science
InSight	NASA	Discovery	2018	Mars	1 DLR PF, DLR RS, MPS	HP^3 thermal probe, SEIS seismometer
BepiColombo	ESA	Conerstone	2018	Mercury	2 DLR PP, DLR WR , Uni Münster, MPS	imaging spectrometer (PI in Münster, Co-PI DLR WR)
CHEOPS	ESA	S1	2019	exoplanets	DLR WR	focal plane electronics
Chang'e4	China		2019	Mond	1 Uni Kiel	Lunar Neutron and Radiation Dose Detector; LND
Mars2020 rover	NASA		2020	Mars	1 TU Dresden	Radar imager for Mars Subsurface Experiment (RIMFAX)
JWST	NASA	Flagship	2021	facility, exoplanets	MPIA	
DART	NASA	Exploration	2021	Asteroid	DLR WR	science
LUCY	NASA	NASA Discovery	2021	Asteroid	1 RIU-PF, DLR WR	radio science, science analysis
PSYCHE	NASA	NASA Discovery	2023	Asteroid	DLR WR	science
CLPS BLUE GHOST 1	Firefly Aerospace	NASA CLPS	2022	Mond	DLR WR	science
JUICE	ESA	L1	2023	Jupiter system	2 DLR WR, RIU-PF, MPS	GALA laser altimeter, JANUS camera, 3GM radio occultation, SWI, PEP
Euclid	ESA	M2	2023	dark energy, exoplanets		
CLPS Draper	Draper	NASA CLPS	2023	Mond	DLR WR	science
M-42	Astrobotic	Peregrin Mission One	2024	Mond	1 DLR RM	Strahlungssensor
Europa Clipper	NASA	NASA Flagship	2024	Jupiter system	DLR WR	science
HERA	ESA	ESA Exploration	2024	NEO	DLR WR	science
CLPS Nova-C	Intuitive Machines	NASA CLPS	2025	Mond	1 DLR PF, FU Berlin	LRAD radiometer
Dragonfly	NASA	New Frontiers	2025	Titan	2 DLR AS, SR, ST	COMARS, ESI Hitzeschildsensorik
Nancy Grace Roman	NASA	New Frontiers	2026	microlensing, exoplanets		
MMX	JAXA		2026	Phobos	2 DLR WR	DLR/CNES rover (IDeFIX); Radiometer (miniRAD); Raman spectrometer (RAX)
PLATO	ESA	M3	2026	exoplanets	1 DLR WR, MPS, FU Berlin, RIU	Fast camera h/w+DPS, ground segment (PDC)
CLPS CP-22	Intuitive Machines	NASA CLPS	2026	Mond	DLR WR, MPS	science, Prospa
ExoMars rover	NASA	Exploration	2028	Mars	2 MPS, DLR WR	Mars Organic Molecule Analyser (MOMA, PI in MPS), Panoramic Camera (PanCam, Co-PI in DLR) und Water Ice and Subsurface Deposit Observation On Mars (WISDOM).
VERITAS	NASA	Discovery	2029	Venus	1 DLR WR	IR imaging spectrometer
CometInterceptor	ESA	F1	2029	Comet	1 DLR WR	camera Co-PI
DESTINY+	JAXA		2029	Venus	1 Univ. Stuttgart, Institut für Raumfahrtssysteme (IRS)	dust analyzer (DDA)
ARIEL	ESA	M4	2029	exoplanets		
RAMSES	ESA Space safety		2029	Asteroid	MPS	RPS - Plasmaspektrometer
Vigil	ESA	ESA Space Safety Programm	2031	space weather	1 MPS	PMI: Vektormagnetograph
EnVision	ESA	M5	2032	Venus	2 DLR WR, RIU-PF, MPS	IR spectrometer, RSE radio occultation
Athena	ESA	L2	2033?	Röntgenteleskop	MPE	
LISA	ESA	L3	2037?	Gravity Waves	1 MPI	