



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (30.4.2018.)

2018.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change 30.Apr.2018.

May02. [CZ-4B](#) [GF-5 Gaofen-5](#)
Launch site: [Taiyuan](#), China [CZ-4B](#)

May03. **1605UTC** [CZ-3B/G2](#) [APStar-6C](#)
Launch site: [Xichang](#), China

May05. **1105UTC** [Atlas 5 401 AV-078](#) [InSight](#)
Launch site: [Vandenberg](#), USA

May07. **2003UTC** [Falcon 9](#) [Bangabandhu-1](#)
Launch site: [Cape Canaveral](#), USA

May19. **2003UTC** [Falcon 9](#) [Iridium Next Flight 6 \(x5\), GRACE FO_1, FO_2](#) Launch site: [Vandenberg](#), USA

May20. **0904UTC** [Antares 230](#) [Cygnum Orb-9E](#)
Launch site: [Wallops Island](#), USA

May21. [CZ-3B/G2](#) [L2 Chang'e 4 communications relay satellite](#)
Launch site: [Xichang](#), China

May24. **0429UTC** [Falcon 9](#) [SES-12](#)
Launch site: [Cape Canaveral](#), USA

May?? [Electron](#) [Outerspace 1, Lemur](#)
Launch site: [Kaitorete Spit](#), New Zeland

June06. **1111UTC** [Soyuz-2 1A](#) [Soyuz MS 9 \(S56/57\)](#)
CDR: Сергей Валерьевич Прокопьев (Sergei Valerevich Prokopyev), Serena **Auñón-Chancellor**, Alexander Gerst

June10. [CZ-3A](#) [FY-2H Fengyun-2H](#)

June11. **0400UTC** [H-2A](#) [IGS Radar-6](#)

June12. [CZ-2D](#) [GF-6 Gaofen-6, LJ-1 Luojia-1](#)

June13. **1428UTC** [Pegasus-XL](#) [ICON \(Helio EX-1\)](#)
Launch site: [Kwajalein Atoll](#), USA

June28. **1003UTC** [Falcon 9](#) [Dragon SpX-15](#)
Launch site: [Cape Canaveral](#), USA

June?? [Rokot / Briz KMGeo IK 2 13L](#)
Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

June?? [CZ-2C](#) [Pakistani Remote Sensing Satellite \(PRSS\) 1](#)
Launch site: [Taiyuan](#), China



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June??	Falcon 9	Iridium Next Flight 7 (x10)	120
June??	GSLV MK III D2	GSAT-29	
June??	Falcon 9	Telstar 19	
June??	CZ-3B/YZ-1	Beidou 3 MEO M7, Beidou 3 MEO M8	
June??	Soyuz-2-1B/ Fregat-M	Glonass-M 59	
??	KZ-11	Xiaoxiang-4	
??	Electron	ELaNa, ...	
??	KZ-1A	Jilin 1-09	
??	KZ-1A	Jilin 1-10	
??	KZ-1A	Jilin 1-11	
??	KZ-1A	Jilin 1-12	
July05.	Falcon 9	Spaceflight SSO-A	
July10.	Soyuz-2 1A	Progress MS 9	
July25. 2041UTC	Ariane 5 ES (VA243)	Galileo-FOC FM19 (Tara), Galileo-FOC FM20 (Samuel), Galileo-FOC FM21 (Anna), Galileo-FOC FM22 (Ellen)	
July31. 0815UTC	Delta 4-H	Parker Solar Probe	
July??	Soyuz-2 1A	Bars-M 3	
July??	Falcon 9	Radarsat C-1, -2, C-3	
July??	Falcon Heavy	STP-02	
July??	Falcon 9	Telstar 18	
July??	Falcon 9	Telkom 4	
??	CZ-3B/YZ-1	Beidou 3 MEO M9, Beidou 3 MEO M10	100
??	Ariane 5 ECA	GEO-KOMPSAT-2A	
Aug16.	H-2B (F7)	HTV7	
Aug21.	Vega (VV12)	Aeolus / ADM	
Aug30.	Falcon 9 (SPx-DM1)	Dragon v2 unmanned test	
Aug??	Ariane 5 ECA	Azerspace 2 (Intelsat 38)	
Launch site: Kourou , French Guiana			
Aug??	CZ-3C	Beidou 2 I7	
Aug??	CZ-11	OKW-2	
Aug??	Falcon 9	Iridium Next Flight 8 (x10)	
??	PSLV C42	??	
??	Rokot / Briz KM	Rodnik	
Sep12. 1246UTC	Delta II 7320-10C	ICESat-II	
Sep19. 0047UTC	Soyuz ST B/Fregat-M	MetOp-C	
Sep26.	Delta 4-H	NROL-71	
Sep??	Proton-M/ DM-03	Glonass K	
Sep??	Falcon 9	GPS III-1	



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Sep??	CZ-2C	CFOSAT (China-France Oceanography SATellite)	
Sep??	Falcon 9	SAOCAM-1A, ITASAT-1	
Sep??	GSLV MK II F12	GSAT-7A	
??	Ariane 5 ECA	Eutelsat 7C	
??	Falcon 9	OHB SARah satellite (x2)	80
??	Ariane 5 ECA	Hellas-Sat-4	
??	Proton-M/Briz-M	EutelSat 5 West B / MEV	
??	H-2A	GOSAT-2	
Oct05.	Ariane 5	BepiColombo ESA and ISAS Mercury Orbiters	
Oct11.	Soyuz-2 1A Soyuz MS 10 (S57/58)		
	CDR: Алексей Николаевич Овчинин (Aleksei Nikolaevich Ovchinin) , Tyler Hague		
Oct18.	Atlas 5 (531) (AV073)	AEHF-4	
Oct22.	Proton-M/Briz-M	Elektro L - 3	
Oct??	Rokot / Briz KM	Gonets x 3 (No 24,25,26), Blits-M	
	Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
Oct??	GSLV Mk II D9	Chandrayaan 2	
	Launch site: Satish Dhawan Space Centre , Sriharikota, India		
Oct??	CZ-3C	Beidou 3 G1Q	
Oct??	Soyuz-2-1B/Fregat-M	Glonass-M 60	
Oct??	Soyuz-2	Progress MS 10	
??	Ariane 5	Horizon 3e	
??	Falcon H	Arabsat 6A	
Nov08.	Antares 230	Cygnum Orb-10E	
Nov18.	Falcon 9 FT	Dragon SpX-16	
Nov27.	Atlas 5 N22 (AV80)	CST-100 Starliner (unmanned test)	
Nov??	Vega	Prisma	
	Launch site: Kourou , French Guiana		
Nov??	CZ-5 Y3	SJ-18 02 (DFH-5 platform)	
Nov??	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)	60
??	Epsilon (4)	Inovative Technology Demonstration Satellite - 1, OrigamiSat-1	
	Launch site: Tanegashima , Japan		
??	Minotaur 1	NROL 111	
??	Falcon 9	Spaceflight GTO.C	
??	CZ-2D	GF-7 Gaofen-7	
??	CZ-3B/E	Apstar-6D	
??	Falcon 9	PSN VI	
Dec20.	Soyuz-2 1A Soyuz MS 11 (S58/59)		



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CDR: Олэг Дмíтриевич Кононѐнко (Oleg Dmitrievich **Kononenko**), Anne McClain (**NASA**), David **Saint-Jaques**

Dec31. [Falcon 9 \(SPx-DM2\)](#) **Dragon v2**

CDR: Eric **Boe**, Sunita **Williams**

Dec?? [CZ-3B/GIII](#) Chang'e-4 (Moon far side Aitken Basin lander/rover)
 Dec?? ?? Korean Pathfinder Lunar Orbiter
 Dec?? [Soyuz ST B/Fregat-MT](#) CHEOPS (Characterising ExOPlanet Satellite)
 Dec?? [Soyuz ST B/Fregat-MT](#) OneWeb smalsat (x10)
 Dec?? [Soyuz-2-1B/Fregat M](#) Meridian 18L
 Dec?? [Soyuz-2-1B/ Fregat-M](#) Glonass K 15
 Dec?? [Soyuz-2 1A / Fregat](#) Kanopus V 5, Kanopus V 6

?? [Zenit 3 SL /Fregat-SB](#) Lybid'
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

?? [Falcon 9](#) Es'hail 2
 ?? [Delta IV-M \(5,4\)](#) WGS 10
 ?? Minotaur-4 FORMOSAT-7 (6 sat)
 ?? [Atlas 5](#) AEHF 5 **40**

?? [Soyuz-2 1B /Fregat-M](#) Tundra 3
 ?? [Soyuz-2 1B /Fregat-M](#) Tundra 4
 ?? [Soyuz-2 1B /Fregat-M](#) Neutron (Kosmos)
 ?? [Angara A5/ Briz-M](#) Kosmos

?? [Vega](#) MN35-13 B [Morocco EO Sat 1 2](#)

?? [Ariane 5](#) ECA [GSAT-11](#)

?? [CZ-3B/YZ-1](#) Beidou 3 MEO M11, Beidou 3 MEO M12
 ?? [CZ-3B/YZ-1](#) Beidou 3 MEO M13, Beidou 3 MEO M14
 ?? [CZ-3B/YZ-1](#) Beidou 3 MEO M15, Beidou 3 MEO M16
 ?? [CZ-3B/YZ-1](#) Beidou 3 MEO M17, Beidou 3 MEO M18

?? ?? Taurus-1
 Launch site: [Taiyuan](#), China

?? [CZ-2D](#) SJ-12 Shijian-12 (2)
 ?? [CZ-2D](#) TH-2 Tianhui-2
 ?? [CZ-2C](#) CSES-1 Earthquake electromagnetism monitor satellite
 ?? ?? VeneSat-2
 ?? [CZ-3B/E](#) CC-1 [Changcheng-1](#)
 ?? CZ Deep Space Solar Observatory
 ?? CZ-2 CAS-2A1, CAS-2A2

?? [CZ-3B/E](#) CongoSat 1

?? ?? Small Military Meteorological Satellite (x6) **20**

?? CZ FY-3E Fengyun-3E
 ?? CZ FY-4B Fengyun-4B

?? [CZ-4B](#) [Haiyang-1C](#) HY-1C



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Launch site: [Taiyuan](#), China

?? CZ-?? [CAS-4A, CAS-4B](#)

Launch site: [Taiyuan](#), China

?? CZ-4B HY-1D Haiyang-1D
 ?? CZ-4B HY-2B Haiyang-2B

?? [CZ-3C](#) [Beidou 3](#) G8

?? CZ Orbita-1 1
 ?? CZ Huaizong-1
 ?? [LS-1](#) LandSpace-1 (China)

?? [CZ-3B](#)/YZ-1 ZX-6C Zhongxing-6C
 ?? [CZ-2D](#) SaudiSAT 5B
 ?? CZ YG-32 [Yaogan Weixing](#) 32
 ?? CZ?? Tianzhi-1

?? [PSLV](#) Cartosat-3

?? [Simorgh](#) [Dosti](#)

Launch site: [Semnan](#), Iran

?? [Safir 1 B](#) Tadbir
 ?? Safir 3A Pars sepher

?? [Unha-3](#) Kwangmyŏngsŏng-5

8 + 21
 40 + 137

2019.

Jan?? [Proton-M/Briz-M](#) Ямал-601

?? [Falcon 9](#) SAOCAM-1B, SAOCAM-1C
 ?? [Soyuz-2-1B/Fregat-M](#) Meteor M-2-2, Ionosfera 3, Ionosfera 4

Feb01. [Falcon 9](#) [Dragon SpX-17](#)

Feb06. [Soyuz-2](#) [Progress MS 11](#)

Feb?? [CZ-3C](#) Beidou 3 I1Q
 Feb?? [Atlas 5](#) 551 (AV-086) AEHF-6

?? [Soyuz-2-1B](#) Arktika M 1
 Launch site: Восточный (Vostochniy), Cosmodrome, Russia

Mar?? [Ariane 5](#) ECA GEO-KOMPSAT-2B , Cheollian 2B
 Mar?? [Falcon 9](#) GPS IIIA-2

?? [Atlas 5](#) 422 (AV082) CST-100 Starliner

CDR: Douglas **Hurley**, Robert **Behnken**



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?? [Soyuz ST](#) B/[Fregat](#)-MT OneWeb smalsat (x32)
 ?? [Soyuz-2-1B](#)/[Fregat](#) Glonass K2 / 13
 ?? [Soyuz-2-1B](#) EgyptSat A
 ?? [Soyuz ST](#) B/[Fregat](#)-MT Cosmo-SkyMed Secon Gen 1 CSG-1
 ?? [Vega](#) TARANIS

?? **Proton-M** rocket to launch **Spektr-Rentgen-Gamma X-Ray** observatory from Baikonur. 1900 kg Spectr-RG is a joint Russian-German X-ray observatory carrying two telescopes developed and produced by German and Russian partners. The primary instrument is German eRosita, complemented by Russian ART-XC. Main tasks of the project are studies of the sky in X-ray energy range, which can provide clues for the mystery of dark energy.

Apr?? ?? GOES-T
 Apr?? [CZ-3B/E](#) Nicasat 1
 Apr?? [CZ-3C](#) Beidou 3 I2Q 100
 Apr?? [Atlas 5](#) 531 [Cygnus](#) OA-11
 Apr?? [Falcon 9](#) Dragon v2 (USCV-1) with 2 astronauts
 Apr?? [Soyuz-2](#) [Progress MS](#) 12

May?? [Soyuz-2](#) 1A [Soyuz MS](#) 12 (S59/60)
 CDR: Олѐг Ива́нович **Скрипочка**, (Oleg Ivanovich **Skripotscka**), Андрѐй Николаѐвич **Ба́бкин** (Andrei Nikolaevich **Babkin**), Shannon **Walker**

May?? [Atlas 5](#) 402 CST 100 Starliner (USCV-2) with 2 astronauts
 May?? [Falcon 9](#) FT [Dragon](#) SpX-18
 May?? CZ CBERS-4A
 May?? [Ariane 5](#) ECA EDRS-C (Hylas 3)

June?? [Atlas 5](#) 551 STP-03
 June?? [CZ-5](#) B Test flight

?? [PSLV](#) RISAT 1A
 ?? [CZ-3B/G2](#) TECSTAR 1
 ?? SSLV ??
 ?? [Soyuz ST](#) B/[Fregat](#)-MT [O3b](#) (FM17-20)
 ?? [GSLV](#) MK II F10 GISAT

July?? Soyuz 2-1A [Soyuz MS](#) 13 (S60/61)
 CDR: **Скворцов** (Alexander **Skvortsov**), Luca **Parmitano** (ESA), Andrew **Morgan** (NASA)

July?? [CZ-3C](#) Beidou 3 I3Q
 July?? H-2B (F9) HTV8

?? [Ariane 5](#) Inmarsat-5 F5

Aug?? [Soyuz ST](#) B/[Fregat](#)-MT EarthCare
 Aug?? [Soyuz-2](#) [Progress MS](#) 13 80
 Aug?? [Proton-M](#) MLM

?? [Delta IV](#) GPS IIIA-3

Sep?? [Atlas 5](#) 552 Dream Chaser Cargo System SNC-1

Oct?? Soyuz 2-1A [Soyuz MS](#) 14 (S61/62)
 CDR: **Борисенко** (Andrei Borisenko), **Чуб**, (Nikolai Chub), Christina **Koch**

Oct?? [CZ-3B](#)/YZ-1 Beidou 3 MEO M19, Beidou 3 MEO M20



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Oct??	Soyuz-2 1B / Fregat -M	Gonets x 3 (No 27,28,29)	
Oct??	Soyuz-2 1B / Fregat -M	Resurs №5	
Oct??	Falcon 9 FT	Dragon SpX-19	
Nov14.	Soyuz-2 1B	Progress M-UM	
Nov29.	Soyuz-2 1a / Fregat	Luna 25 (Luna-Glob-1)	
Nov??	Falcon 9	USCV-3 (US Commercial Vehicles)	
CDR: ??(NASA), ??(NASA), ??(RF)			
??	Soyuz-2 -1B/ Fregat -M	Glonass K2 / 14	
??	Proton-M / Briz-M	Blagovest 14	
??	Falcon 9	GPS IIIA-4	
??	Vega	Seosat (Ingenio)	
Dec??	CZ-3B /YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22	
Dec??	Proton-M / Briz-M	Ekspress 80, Ekspress 103	
??	Atlas 5 551	AFSPC-7 (X-37B OTV 6)	
??	Falcon 9	Astrium active SARah satellite	
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)	60
??	??	EX-3	
??	Falcon 9	GiSat-1	
??	Vega	Jason-CS A	
??	Vega	OpSis	
??	Vega	VNREDSat	
??	Vega	LOTUSat	
??	Ariane 5 ECA	Eutelsat Quantum	
??	Ariane 5 ECA	African Broadband Satellite	
??	Ariane 5 ECA	Intelsat 39	
??	Soyuz ST / Vega	MicroCarb	
??	Soyuz ST B/ Fregat -MT	Sentinel-1C	
??	Ariane 5	ViaSat-3	
??	Ariane 5	JCSat 17	
??	Proton-M / Briz-M	SkyTerra 2	
??	Proton-M / Briz-M	Luch 5M	
??	Proton-M / Briz-M	Yenisey A1	
??	Soyuz-2 1B / Fregat -M	Glonass-M 61	
??	Proton-M / DM-03	Glonass-M / 56,57,58	
??	Soyuz-2 1B / Fregat -M	Glonass K1 / 17	
??	Proton-M / DM-03	Glonass-M /K18,K19,K20	40
??	Proton-M / DM-03	Glonass-M /K21,K22,K23	
??	Soyuz-2 1B / Fregat -M	Glonass K1 / 16	
??	Proton-M / Briz-M	Ямал-501	
??	Proton-M / Briz-M	EutelSat	
??	Proton-M / Briz-M	IntelSat	
??	Soyuz-2 -1B/ Fregat M	Meridian 19L	
??	Soyuz-2 -	Razdan 1	



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??	Angara 1.2	Kosmos	
??	Proton-M/Briz-M	Kosmos	
??	Proton-M/Briz-M	Blagovest 13	
??	Proton-M/Briz-M	Ямал-GK-1	
??	Proton-M/Briz-M	Anik G2V	
??	Proton-M	PTK NP	
??	Soyuz-2-1B	Obzor R -1	
??	Soyuz-2 1A	Energiya-100	
??	Soyuz-2-1B	Pion	
??	Soyuz-2-1B/ Fregat-M	Glonass K2	
??	Soyuz-2-1B/Fregat	Glonass K2	
??	Proton-M/ DM 3	Kosmos (Repei??)	
??	Proton-M/ DM-03	Glonass-M	20
??	Soyuz-2-1B	Arktika	
??	Soyuz-2 1B /Fregat-M	Resurs №4	
??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 1	
??	Soyuz ST	CSO 1	
??	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)	
??	CZ-5	Chang'e-5 (Sample return)	
??	CZ-7	New generation manned spacecraft	
??	CZ	FY-3F Fengyun-3F (Batch 2)	
??	CZ	FY-3 Fengyun-3 RM-2	
??	CZ-4B	HY-2D Haiyang-2D	
??	CZ	Sun Fixed-Point Observation	
??	CZ-4B	HY-2C Haiyang-2C	
??	CZ	CBERS-SAR 1	
??	??	Hainan-1 (1)	
??	??	Hainan-1 (2)	
??	??	Hainan-1 (3)	
??	GSLV MK II F11	GSAT-10A	
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	PSLV	ScatSat, NovaSAR	

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2020.

Jan??	Falcon 9	Dragon SpX-20
Feb05.	Atlas 5	Solar Orbiter (SoIo) (ESA)
Feb??	H-2B (F10)	HTV9



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Feb??	Soyuz-2	Progress MS 14
Mar??	Delta IV -M	DMSP-5D3 F20
Mar??	Soyuz-2 -1B/ Fregat -M	Glonass K1 / 22
Mar?? satellite))	Atlas 5 551	AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning))
??	CZ-5	Tian He Space Station Core Module
Apr??	CZ-3B /YZ-1	Beidou 3 MEO M23, Beidou 3 MEO M24
Apr??	Angara-1.2/AM Gonets	x 3 (No 30,31,32)
??	CZ7	TZ 2 Tianzhou 2 (Logistic Cargo Vehicle)
??	CZ-2F/G	SZ-12 Shenzhou-12
May??	Soyuz 2-1A	Soyuz MS 15 (S62/63)
CDR:	Рыжиков (Sergei Ryshikov), Jessica Meir (NASA), Soichi Noguchi (JAXA)	
May??	Atlas 5 402	USCV-4 (US Commercial Vehicles)
May??	Soyuz-2	Progress MS 15
May??	Ariane 5 ES	JWST (James Webb Space Telescope)
??	CZ-3B/G2	ZX-18 Zhongxing-18
June??	SLS-1	Orion (unmanned trip around the Moon) Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)
June??	Ariane	MTG-S1/Sentinel-4A
June??	CZ-3C	Beidou 3 G3Q
June??	Vega_C	Space Rider flight 1
June??	Atlas 5 551	AFSPC-8 (GSSAP 5, GSSAP 6)
July16	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24
July17.	Atlas 5 (541)	Mars 2020 rover NASA's exit from a joint sample-collection campaign with Europe aims to send a \$700 million mission to the red planet in 2018 or 2020. The replanned Mars mission, referred to in budget documents as Mars Next Generation, will carry a price tag that falls somewhere between that of the 2013 Maven Scout mission and the 2005 Mars Reconnaissance Orbiter, which cost \$485 million, and more than \$720 million, respectively.
July24.	Proton-M/Briz-M	ExoMars (CM+DM) An ESA exobiology rover equipped with a deep drill developed by Astrium Satellites in the United Kingdom will launch in 2018. A Russian-built entry, descent and landing package will shepherd the rover to the red planet's surface.
July??	CZ-3C	Beidou 3 G2Q
July??	CZ-5	Mars probe (orbiter + lander + rover)
??	Vega-C	Pleiades Neo 1, Pleiades Neo 2
Aug??	Falcon 9 FT	Dragon SpX-21
Sep??	CZ	CBERS-6
Sep??	Soyuz-2 -1B/ Fregat -M	Glonass K2 / 15
??	CZ-2F/G	SZ-13 Shenzhou-13
??	Falcon 9	GPS IIIA-5



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Oct?? Vega Proba 3

Nov?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-5 (US Commercial Vehicles)
 Nov?? [Soyuz-2](#) [Progress MS](#) 16
 Nov?? Soyuz 2-1A [Soyuz MS](#) 16 (S63/64)

Dec15. [Atlas 5](#) **Landsat 9**

?? GSLV-Mk III. Dr B N Suresh and Mr Madan Lal, Vikram Sarabhai Space Centre (VSSC) presented the concept for the manned space mission including the development of an autonomous Orbital Vehicle (4,000kg manned capsule).

?? ?? SWOT
 ?? ?? PACE
 ?? ?? EX-4
 ?? ?? ACE
 ?? ?? HypIRI
 ?? Antares IMAP/STP-05

?? [Falcon 9](#) FT [Dragon](#) SpX-22
 ?? [Antares](#) 230 [Cygnus](#) OA-12

?? [Falcon H](#) ViaSat 3
 ?? [Falcon 9](#) KPLO (Korea Pathfinder Lunar Orbiter)

?? [Proton-M](#) HЭM-1

?? [Soyuz-2-1B/Fregat-M](#) Glonass M 55
 ?? [Soyuz-2-1B/Fregat-M](#) [Glonass-M/](#) 53
 ?? [Soyuz-2-1B/Fregat](#) Glonass M/ 58
 ?? [Soyuz-2-1B/Fregat](#) Glonass M / 59

?? [Soyuz-2-1B/Fregat-M](#) [Resurs PM - 1](#)
 ?? [Soyuz-2-1B/Fregat-M](#) Meteor M No2-3
 ?? [Angara](#) 1.2 Kompsat-6
 ?? [Soyuz-2-1A/Fregat-M](#) [Gonets](#) x 6

?? [Proton-M/Briz-M](#) AOneSat-1
 ?? [Proton-M/Briz-M](#) Terrestar-2
 ?? [Proton-M/Briz-M](#) SkyTerra 2
 ?? [Proton-M/Briz-M](#) Ekspres AMU 3 / Ekspres AMU 7

?? [Soyuz-2-1A/Fregat](#) Resonance 1A, Resonance 1B
 RESONANCE is a project to study Earth's magnetosphere consisting of four similar satellites.

?? [Soyuz-2-1B](#) Lotos S1
 ?? [Soyuz-2-1B](#) Persona
 ?? [Soyuz-2-1A](#) Kobalt M
 ?? [Soyuz-2-1A](#) Foton M

?? ?? Zond
 ?? ?? MKA PN6 (Monika)
 ?? ?? Картограф-ОЭ №1

?? [Vega](#) Sentinel-2C



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??	Vega	Sentinel-3C
??	??	Seosat-Ingenio-2
??	??	EPS-SG-b
??	Ariane 5	Arsat 3
??	CZ-5	Chang'e-6
??	CZ	Two Meter Space Telescope
??	CZ	FY-4C Fengyun-4C
??	CZ	HY-3B Haiyang-3B
??	CZ-3B/	Palapa 1N
??	??	Hainan-1 (4)
??	??	Hainan-1 (5)
??	??	Hainan-1 (6)
??	??	Sanya-1 (1)
??	??	Sanya-1 (2)
??	GSLV MK III	MOM-2 Follow on Mars Mission
??	PSLV	EnMap
??	PSLV XL	Aditya'
??	H-IIA	Hope (UAE mission to Mars)
??	H-IIA	Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)
??	H-IIA	Inmarsat-6 F1

2021.

Jan ?? Ariane 62 Galileo-FOC FM25, Galileo-FOC FM26

?? [Soyuz-2](#) [Progress MS](#) 17

Mar30. [Soyuz-2-1A](#) [Soyuz MS 17](#)

Cdr: xx, Akihiko **Hoshide**, xx

Apr?? [Soyuz ST](#) B/[Fregat](#) M MarcoPolo-R

?? [CZ-5](#) B Wentian Lab module Space station module

May?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-6 (US Commercial Vehicles)

June?? [Soyuz ST](#) B/[Fregat](#) MT Euclid

Euclid will depart Earth on a Soyuz rocket launched from French Guiana and head for the L2 Lagrange point.

?? CZ7 TZ 3 Tianzhou 3 (Logistic Cargo Vehicle)

?? [Soyuz-2](#) [Progress MS](#) 18

?? CZ-2F/G SZ-14 Shenzhou-14

July?? Vulcan/Minotaur 6/[Falcon 9](#) v1.1 JPSS-2

July?? [Vega](#) Biomass

Sep30. [Soyuz-2-1A](#) [Soyuz MS 18](#)

Sep?? [Soyuz ST](#) B/[Fregat](#)-MT MetOp-SG A1/EPS-SG-a/Sentinel-5A



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Oct??	Atlas 5 401/ Falcon 9 v1.1	JPSS Free Flyer 2 (TSIS-2)
Nov??	Atlas 5 402 / Falcon 9	USCV-7 (US Commercial Vehicles)
??	Ariane 5	MTG-I1
??	Ariane 5	Heinrich Hertz
??	Atlas 5 552	Dream Chaser Cargo System SNC-2
??	Falcon 9	GPS IIIA-6
??	Falcon 9	GPS IIIA-7
??	Falcon 9	GPS IIIA-8
??	Soyuz-2 Progress MS 19	
??	Soyuz-2 -1B/ Fregat -M	Transformable Modul TM
??	Soyuz-2 1a / Fregat	Luna 26 (Luna-Resurs OA)
??	Soyuz-2 -1B/ Fregat -M	Resurs PM - 2
??	Soyuz-2 -1B/ Fregat -M	Meteor M No2-4
??	Angara 1.2	Gonets x 3
??	Proton-M/Briz-M	Ekspress-RV1, Ekspress-RV2
??	Proton-M/Briz-M	Ekspress AMU 4
??	Soyuz-2 -1B/ Fregat -M	Smotr R №1
??	Proton-M/Briz-M	IntelSat
??	Proton-M/Briz-M	Elektro L - 4
??	Soyuz-2 -1B/ Fregat -M	Arktika M 2
??	Vega	Sentinel-1A 2nd Gen
??	Vega	Space Rider
??	Soyuz ST / Vega	Merlin
??	CZ	Venus Global Sensing Probe
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	??	Sansha-1 (1)
??	??	Sansha-1 (2)

2022.

Jan?? ?? Solar Sentinels

?? [Soyuz-2](#) [Progress MS](#) 20

Mar17. CZ3 Asteroid rendezvous and touchdown Rendezvous with the asteroid Apophis on 18 March 2023, entering its orbit. After 220 days, the probe will depart and then proceed toward asteroid 2002EX11. Flyby is expected on 6 October 2025 at a 9.8 km/s speed. Third and final leg of its journey, the probe will make a rendezvous with asteroid 1996FG3 on 1 January 2027 and enter its orbit. After 180 days, the probe will eventually make landing on its surface on 30 June 2027.

Mar30. [Soyuz-2-1A](#) [Soyuz MS](#) 19

?? CZ7 TZ 4 Tianzhou 4 (Logistic Cargo Vehicle)

?? [CZ-5](#) B Xuntian Lab module Space station module

?? CZ-2F/G SZ-15 Shenzhou-15



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May??	Atlas 5 402 / Falcon 9	USCV-8 (US Commercial Vehicles)
June04.	SLS Block I	Orion: Exploration Mission 2 (Crew to Cislunar) Mission)
June??	Ariane 5 ECA	JUICE (JUperiter ICy moon Explorer)
June??	Ariane 5	MTG-I2
??	Sunkar ??	
??	Soyuz-2	Progress MS 21
Aug??	H2B	Phobos sample return
Sep30.	Soyuz-2-1A	Soyuz MS 20
Sep??	Soyuz ST B/ Fregat -MT	MetOp-SG B1
Nov??	Atlas 5 402 / Falcon 9	USCV-9 (US Commercial Vehicles)
??	Sunkar Federatsia (unmaned)	
??	Soyuz-2	Progress MS 22
??	Soyuz-2 1b	Luna 27 (Luna-Resurs PA) Testing an adaptive landing mode with a radio-beacon; delivering a rover
??	Falcon 9	GPS IIIA-9/GPS IIIB-1
??	Falcon 9	GPS IIIA-10/GPS IIIB-2
??	Proton-M/Briz-M	Ekspress – AMU 5
??	Proton-M/Briz-M	Ekspress – AMU 6
??	Proton-M/Briz-M	Ekspress – RV 3, Ekspress – RV 4
??	Angara 1.2	Gonets x 3
??	Proton-M/Briz-M	Eutelsat
??	Proton-M/Briz-M	Intelsat
??	Soyuz-2-1B/Fregat -M	Smotr R №2
??	Soyuz-2-	Razdan 2
??	Proton-M/Briz-M	Elektro L - 5
??	Ariane 5	Moon's south pole samples return mission
??	Vega	Jason-CS B
??	Ariane 5	ATHENA
??	CZ	HY-3C Haiyang-3C
2023.		
??	Soyuz-2	Progress MS 23
Mar30.	Soyuz-2-1A	Soyuz MS 21
??	CZ7	TZ 5 Tianzhou 5 (Logistic Cargo Vechile)
??	CZ-2F/G	SZ-16 Shenzhou-16
May??	Atlas 5 402 / Falcon 9	USCV-10 (US Commercial Vehicles)



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?? [Soyuz-2](#) [Progress MS 24](#)

Sep30. [Soyuz-2-1A](#) [Soyuz MS 22](#)

?? [Soyuz-2](#) [Progress MS 25](#)

Nov?? [Atlas 5 402](#) / [Falcon 9](#) USCVC-11 (US Commercial Vehicles)

?? SLS Block IA II Orion: Exploration Mission 3 (Crew to Cislunar)

?? Sunkar Federatsia (unmanned flight to ISS)

?? A Russian [Proton/Briz-M](#) (or Angara) rocket to launch the [Laplas-P](#) mission to orbit the moon of Jupiter Ganymede.

?? [Proton-M/Briz-M](#) Ekspres – AT3, AT4

?? [Soyuz-2-1B/Fregat-M](#) Resurs PM - 3

?? [Angara 1.2](#) [Gonets](#) x 3

?? [Soyuz-2-1B](#) Obzor R -2

?? [Soyuz-2-1B](#) Obzor O -1

?? [Soyuz-2-1B/Fregat-M](#) Ellips - 1

?? [Angara A5P/DM03](#) Dopler 1, 2

?? [Soyuz-2-1B/Fregat-M](#) Meteor M No2-5

?? [Soyuz-2-1B/Fregat-M](#) Arktika M 3

?? [Vega](#) Sentinel-2A 2nd Gen

?? CZ SPORT (Solar Polar Orbit Radio Telescope)

?? CZ FY-4D Fengyun-4D

?? [GSLV MK III](#) Mission to Venus

?? [Angara A5P/DM03](#) Lutch 5 – 2

?? [Soyuz-2-1b](#) Bion-M No. 2

?? [Angara A5P/DM03](#) Lutch 5 – 3

?? ?? Ямал GK 2

2024

Mar30. [Soyuz-2-1A](#) [Soyuz MS 23](#)

?? CZ7 TZ 6 Tianzhou 6 (Logistic Cargo Vehicle)

May?? [Atlas 5 402](#) / [Falcon 9](#) USCVC-12 (US Commercial Vehicles)

Sep30. [Soyuz-2-1A](#) [Soyuz MS 24](#)

Oct?? EELV GOES-U

?? SLS Block IA II Orion: Exploration Mission 4 (Crew to Cislunar)

?? Sunkar Federatsia (Light 14t – 2 man to ISS)

?? [Soyuz-2](#) [Progress MS 26](#)



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?? [Soyuz-2](#) [Progress MS](#) 27
 ?? [Soyuz-2](#) [Progress MS](#) 28

?? [Soyuz-2](#) 1b Luna28 (Luna-Grunt-1) delivering a new-generation rover for gathering, analysis and uploading of samples

?? [Proton-M](#) / DM-03 Spektr - UF
 ?? [Soyuz-2-1B/Fregat-M](#) Resurs PM - 4
 ?? [Angara](#) 1.2 [Gonets](#) x 2, Gonets M
 ?? [Soyuz-2-1B/Fregat-M](#) Arktika M 4
 ?? Ямал GK VEO 1
 ?? [Soyuz-2-1A](#) Obzor P -1
 ?? [Soyuz-2-1B/Fregat-M](#) Razdan - 3
 ?? [Soyuz-2-1B/Fregat-M](#) Meteor M No2-6

?? ?? DYNAMIC/STP-06

?? CZ Asteroid (Ceres) Sample Return Mission

?? Lapan Pengorbitan-1 (RPS-01) (Indonesia)

2025

?? SLS Block IA II Orion: Exploration Mission 5 (Crew to Cislunar)

?? [Soyuz-2-1A](#) [Soyuz MS](#) 25

?? [Soyuz-2](#) [Progress MS](#) 29

?? SLS Block I Europa Clipper

?? [Soyuz-2-1B/Fregat-M](#) Resonans 2A, 2B, MKA-PN5

?? Ямал GK VEO 2

?? Ямал GK VEO 3

?? [Angara](#) 1.2 [Gonets](#) x 3

?? [Soyuz-2-1B/Fregat-M](#) Arktika M 5

?? [Soyuz-2-1B](#) Obzor O -2

?? [Soyuz-2-1B](#) Bion-M No. 3

?? CZ Chang'e-7 (Moon south pole landing)

2026.

June?? [Angara](#) A5P/KVTK A mission to Venus (*Venera D*) would be launched

?? CZ Jupiter Orbiter

?? CZ Mars Sample Return

?? CZ Chang'e-8 (Moon north pole landing)

?? [Angara](#) A5/DM03 Bumerang (FobosGrunt 2)



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2069.

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[Interstellar mission](#)