



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (18.2.2019.)

2019.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change **18.Feb.2019.**

- Feb21. 1647UTC** [Soyuz-2-1B](#) **EgyptSat A**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan
- Feb22. 0145UTC** [Falcon 9](#) **Nusantara (PSN VI)**
Launch site: [Cape Canaveral](#), USA
- Feb24. 0745UTC** [Electron](#)/**Curie** **DARPA R3D2**
Launch site: [Kaitorete Spit](#), New Zeland
- Feb26. 2137UTC** [Soyuz ST B/Fregat](#)-MT (VS21) **OneWeb smalsat (x6)**
Launch site: [Kourou](#), French Guiana
- Feb?? [CZ-3C](#) [Beidou 3](#) 2G8
Feb?? [CZ-3A](#) [Beidou 3](#) I1Q
- ?? LauncherOne Test Launch
Launch site: [Spaceport America](#), USA
- ?? [Soyuz-2-1B/Fregat](#) M Meridian 18L
- Mar02. 0748UTC** [Falcon 9](#) (SPx-DM1) **Dragon v2 unmanned test**
Launch site: [Cape Canaveral](#), USA
- Mar09. 0150UTC** [Vega](#) (VV14) [Prisma](#)
Launch site: [Kourou](#), French Guiana
- Mar09.** [CZ-3B/G2](#) **ZX 6C**
- Mar13. 2258UTC** [Delta IV-M](#) (5,4) **WGS 10**
Launch site: [Cape Canaveral](#), USA
- Mar14. 1914UTC** [Soyuz-2 1A](#) [Soyuz MS 12](#) (S59/60)
CDR: Алексей Николаевич **Овчинин**, (Aleksey Nikolayevich **Ovchinin**), Christina **Hammock Koch**, Tyler N. **Hague**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan
- Mar14 .** [PSLV](#) C45 **EMIsat**
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India
- Mar26.**[Soyuz ST B/Fregat](#)-MT [O3b](#) (FM17-20) **120**
Launch site: [Kourou](#), French Guiana
- Mar?? [Falcon H](#) Arabsat 6A
Launch site: [Cape Canaveral](#), USA
- Mar?? [KZ-1A](#) ??
Launch site: [Jiuquan](#), China



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Mar??	Falcon 9	Radarsat C-1, -2, C-3
Launch site: Vandenberg , USA		
Mar??	CZ-3C	Tianlian-2 TL-2
Mar??	CZ??	OS-M1
??	Soyuz-2 1A	Bars-M 3
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
??	Pegasus-XL	ICON (Helio EX-1)
??Launch site: Cape Canaveral , USA		
??	Electron	Outernet 2,3
Apr04.	1101UTC	Soyuz-2 Progress MS 11
Apr05.	CZ??	CAS-7A, CAS-7B
Apr17.	2046UTC	Antares 230 Cygnum OA-11
Launch site: Wallops Island , USA		
Apr25.	0900UTC	Falcon 9 Dragon SpX-17
Launch site: Cape Canaveral , USA		
Apr??	GSLV Mk II D9	Chandrayaan 2
Launch site: Satish Dhawan Space Centre , Sriharikota, India		
Apr??	??	GOES-T
Apr??	CZ-3A	Beidou 3 I2Q
Apr??	CZ-2D	SJ-19 Shijian-19
Apr??	Falcon Heavy	STP-02, FORMOSAT-7 (6 sat)
Apr??	Proton-M/Briz-M	Blagovest 14
Apr??	PSLV C46	CARTOSAT-3
Apr??	PSLV C47	RISAT-2BR1
		100
??	Vega	Falcon Eye 1
May??	Atlas 5 N22 (AV80)	CST-100 Starliner (unmanned test)
May??	Rokot / Briz KM	Gonets x 3 (No 24,25,26), Blits-M
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
May??	Proton-M/Briz-M	EutelSat 5 West B / MEV
May??	Soyuz-2-1B/Fregat	Glonass M/ 58
May??	Ariane 5 ECA	Intelsat 39
??	Falcon 9	SARah 1

June21. [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.

June22. [CZ-4B](#) **ZY-2D Ziyuan-2D**



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Launch site: [Taiyuan](#), China

June27. [Atlas 5](#) [AEHF 5](#)

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

June?? [CZ-11](#) - SL CAS 6
 June?? [Proton-M/Briz-M](#) Ямал-601
 June?? [Soyuz-2-1B](#) Arktika-M
 June?? [Ariane 5](#) GSAT-30
 June?? [Ariane 5](#) ECA Eutelsat 7C

?? [CZ-3B/G2](#) TCSTAR 1
 ?? SSLV ??
 ?? [GSLV MK II](#) F10 GISAT
 ?? [Falcon 9](#) Amos 17 **80**
 ?? [CZ-11](#) Zhuhai-1 Group-3

July06. [Soyuz FG](#) [Soyuz MS 13 \(S60/61\)](#)
 CDR: Александр Александрович **Скворцов** (Alexander **Skvortsov**), Luca **Parmitano** (ESA), Andrew **Morgan** (NASA)

July08. [Falcon 9](#) [Dragon SpX-18](#)

July31. [Soyuz-2](#) [Progress MS 12](#)

July?? [Falcon 9](#) (SPx-DM2) Dragon v2
 CDR: Robert **Benkhen**, Doug **Hurley**

July?? [Soyuz-2-1B/Fregat-M](#) Meteor M-2-2, Ionosfera 3, Ionosfera 4
 Launch site: Восточный ([Vostochniy](#)) Cosmodrome, Russia

July?? [Atlas 5](#) 551 STP-03
 July?? [Vega](#) SSMS POC (Small Spacecraft Mission Service Proof Of Concept)
 July?? [Ariane 5](#) ECA EDRS-C (Hylas 3)
 July?? [Delta IV](#) GPS IIIA-2
 July?? [CZ-3A](#) [Beidou 3](#) I3Q
 July?? [CZ-5](#) Y3 SJ-20 (DFH-5 platform)

Aug22. [Soyuz-2 1A](#) [Soyuz 14 GVK](#)

Aug27. [Atlas 5 422 \(AV082\) CST-100 Starliner](#)
 CDR: Michael **Fincke**, Chris **Ferguson**, Nicole Aunapu **Mann**

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

?? [CZ-3B/E](#) Apstar-6D

Sep25. [Soyuz-2-1A](#) [Soyuz MS 15 \(S61/62\)](#)
 CDR : Олэг Ива́нович **Скри́почка**, (Oleg Ivanovich **Skripotscka**), Christopher J. **Cassidy**, **Al Mansouri**

Sep?? H-2B (F9) HTV8

?? [Atlas 5](#) 551 (AV-086) AEHF-6



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??	Ariane 5	Inmarsat-5 F5	60
??	Falcon 9	JCSat 18	
Oct15.	Soyuz ST B/Fregat-MT	Cosmo-SkyMed Secon Gen 1	CSG-1 / CHEOPS
	(Characterising ExOPlanet Satellite)		
Oct19.	Antares 230	Cygnum OA-12	
Oct??	CZ-3B/YZ-1	Beidou 3 MEO M19, Beidou 3 MEO M20	
Oct??	Soyuz-2 1B / Fregat -M	Gonets x 3 (No 27,28,29)	
Oct??	Falcon 9	GPS IIIA-3	
Oct??	Ariane 5 ECA	GSAT-20	
??	CZ-4B	CBERS-4° A	
Nov??	Soyuz-2 1B / Fregat -M	Resurs N°4	
??	Ariane 5	JCSat 17	
??	Ariane 5 ECA	GEO-KOMPSAT-2B , Cheollian 2B	
??	Ariane 5 ECA	Eutelsat Quantum	
??	Falcon 9	SAOCOM-1B, SAOCOM-1C	
??	Kuaizhou-1A	Hainan-1 (1), Hainan-1 (2), Hainan-1 (3)	
??	CZ-6A	Satellogic (1-13)	
??	Vega	Seosat (Ingenio)	
??	Minotaur 1	NROL 111	
??	Falcon 9	SiriusXM SX7	
Dec04.	Falcon 9 FT	Dragon SpX-19	
Dec20.	Soyuz-2	Progress MS 13	40
Dec??	Falcon 9	Dragon v2 (USCV-1)	
	Cdr: Victor Glover , Mike Hopkins , Soichi Noguchi		
Dec??	Proton-M/Briz-M	Ekspress 80, Ekspress 103	
Dec??	Soyuz-2 1B / Fregat -M	CAS500-1	
Dec??	Soyuz-2 -1B/ Fregat	Glonass K2 / 13	
Dec??	Falcon 9	GPS IIIA-4	
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22	
Dec??	Angara A5/ DM3	Kosmos (Persei)	
??	Atlas 5 551	AFSPC-7 (X-37B OTV 6)	
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)	
??	??	EX-3	
??	Ariane 5 ECA	Eutelsat BB4A (African Broadband Satellite)	
??	Ariane 5 ECA	Star One D2	
??	Vega	OpSis	
??	Soyuz-2 -	Razdan 1	
??	Proton-M/Briz-M	Kosmos	
??	Soyuz-2 1A	Energiya-100	



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??	Soyuz-2-1B	Pion	
??	Soyuz-2 1B / Fregat-M	Tundra 3	
??	Soyuz-2 1B / Fregat-M	Tundra 4	
??	Rokot / Briz KMGeo IK 2	13L	
Launch site:	Плесецк (Plesetsk)	Cosmodrome, Russia	20
??	CZ-5	Chang'e-5 (Sample return)	
??	CZ-7	New generation manned spacecraft	
??	CZ	FY-3E Fengyun-3E	
??	CZ	FY-4B Fengyun-4B	
??	CZ-2C	HY-1D Haiyang-1D	
??	CZ-4B	HY-2C Haiyang-2C	
??	CZ-6A	HY-2D Haiyang-3A	
??	CZ	CBERS-SAR 1	
??	CZ-??	CAS-4A, CAS-4B	
Launch site:	Taiyuan ,	China	
??	KZ-1A	Jilin 1-10	
??	KZ-1A	Jilin 1-11	
??	KZ-1A	Jilin 1-12	
??	CZ-2D	GF-7 Gaofen-7	
??	CZ-11	Fengtai Shaonian-02	
??	CZ-11	Lingque 1,2	
??	KZ-11	Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite, Yinhe, Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)	
??	CZ-3B/G2	ZX-18 Zhongxing-18	
??	GSLV MK II F11	GSAT-10A	
Launch site:	Satish Dhawan Space Centre ,	Sriharikota, India	
??	PSLV	ScatSat, NovaSAR	

1 + 18
7 + 134

2020.

Jan?? [Falcon 9](#) [Dragon](#) SpX-20
Jan?? [Soyuz ST](#) B/[Fregat](#)-MT OneWeb smalsat (x32)

?? - inaugural flight - Vega-C - Kourou ZLV

Feb05. [Atlas 5](#) [Solar Orbiter \(Solo\)](#) (ESA)



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Feb??	H-2B (F10)	HTV9
Feb??	CZ-3B/YZ-1	Beidou 3 2GQ
Feb??	Soyuz-2	Progress MS 14
??	Vega	SSMS – 2 (Small Spacecraft Mission Service)
??	Soyuz ST B/Fregat -MT	OneWeb smalsat (x32)
??	Vega	Falcon Eye 2
??	CZ-5 B	Test flight
Mar??	Delta IV -M	DMSP-5D3 F20
Mar??	Soyuz-2-1B/Fregat -M	Glonass K1 / 22
Mar??	Atlas 5 551	AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))
??	CZ-5	Tian He Space Station Core Module
??	Ariane 5	Galaxy 30 / MEV-2
Apr15.	Soyuz 2-1A	Soyuz MS 16 (S62/63)
CDR: Николай Владимирович Тихонов (Nikolai Tikhonov), Андрей Николаевич Бабкин (Andrei Babkin),		
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)	
Apr??	Soyuz-2 1B / Fregat -M	CAS500-1
??	CZ7	TZ 2 Tianzhou 2 (Logistic Cargo Vehicle)
??	CZ-2F/G	SZ-12 Shenzhou-12
??	Vega CCERES (x3)	
May??	Soyuz-2 1B	Progress M-UM
May??	Ariane 62	CSO-2
??	Proton-M	MLM
June??	Atlas 5 402	CST 100 Starliner (USCV-2)
Cdr: John Cassada , Sunita Williams , Noguchi		
June??	SLS-1	Orion (unmanned trip around the Moon) Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)
June??	Ariane 5	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)
June??	Soyuz-2	Progress MS 15
July16	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24
July17.	Atlas 5 (541)	Mars 2020 rover
July25.	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 2020. A Russian-built entry, descent and landing package will shepherd the rover to the red planet's surface.
July??	CZ-5	Mars probe (orbiter + lander + rover)



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July??	Soyuz-2-1B/Fregat-M	Glonass K2 / 14
??	Vega-C Pleiades Neo 1, Pleiades Neo 2	
??	Ariane 5	ViaSat 3 EMEA
Aug??	Falcon 9 FT	Dragon SpX-21
Sep??	CZ	CBERS-6
Sep??	Soyuz-2-1B/Fregat-M	Glonass K2 / 15
Sep??	Falcon 9	GPS IIIA-5
Sep??	Atlas 5 552	Dream Chaser Cargo System SNC-1
Sep??	Soyuz-2	Progress MS 16
??	CZ-2F/G	SZ-13 Shenzhou-13
Oct21.	Soyuz 2-1A	Soyuz MS 17 (S63/64)
CDR: Иванишин (Ivanishin), Вагнер (Vagner), Bowen		
Oct??	Vega	Proba 3
??	Proton-M/Briz-M	Elektro L – 3
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan		
Nov??	Soyuz-2	Progress MS 15
Dec15.	Atlas 5	Landsat 9
Dec?? GSLV-Mk III. Gaganyaan-1 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).		
Dec??	Falcon 9	USCV-3 (US Commercial Vehicles)
CDR: ??(NASA), ??(NASA), ??(RF)		
Dec??	Soyuz-2	Progress MS 17
??	??	PACE
??	??	EX-4
??	??	ACE
??	??	HypIRI
??	Antares	IMAP/STP-05
??	Falcon 9 FT	Dragon SpX-22
??	Falcon H	ViaSat 3
??	Falcon 9	KPLO (Korea Pathfinder Lunar Orbiter)
??	Soyuz-2-1B/ Fregat-M	Glonass K1 15
??	Soyuz-2 1B / Fregat-M	Glonass K1 / 16
??	Soyuz-2 1B / Fregat-M	Glonass K1 / 17
??	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



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??	Proton-M/Briz-M	Terrestar-2
??	Proton-M/Briz-M	SkyTerra 2
??	Proton-M/Briz-M	Ekspress AMU 3 / Ekspress AMU 7
??	Proton-M/Briz-M	Yenisey A1
??	Proton-M/Briz-M	Ямал-501
??	Proton-M/Briz-M	EutelSat
??	Proton-M/Briz-M	Ямал-GK-1
??	Proton-M	РТК NP
??	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
??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 1
??	Soyuz-2-1B	Obzor R -1
??	??	Zond
??	??	MKA PN6 (Monika)
??	??	Картограф-ОЭ №1
??	Soyuz-2-1B/Fregat M	Meridian 19L
??	Angara 1.2	Kosmos
??	Ariane 5	Arsat 3
??	Ariane 5	ViaSat-3 Asia
??	Ariane 5 ECA	EDRS-D
??	??	Seosat-Ingenio-2
??	Vega C Cosmo-SkyMed Secon Gen 2	CSG-2
??	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)
??	CZ	FY-3F Fengyun-3F (Batch 2)
??	CZ	FY-3 Fengyun-3 RM-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



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

2021.

Jan?? [Atlas 5](#) 402 USCVC-4 (US Commercial Vehicles)

Feb?? [Soyuz-2](#) [Progress MS](#) 18
 Feb?? [Falcon 9](#) GPS IIIA-6

Mar30. [Soyuz-2-1A](#) [Soyuz MS 18](#)
 Cdr: xx, Akihiko **Hoshide**, xx

Mar31. [Ariane 5](#) ES **JWST (James Webb Space Telescope)**

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

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](#) 19
 ?? CZ-2F/G SZ-14 Shenzhou-14
 ?? Ariane 62 Galileo-FOC FM25, Galileo-FOC FM26

July?? Vulcan/Minotaur 6/[Falcon 9](#) v1.1 JPSS-2
 July?? [Vega](#) C Biomass
 July?? [Soyuz-2](#) 1a / [Fregat](#) Luna 25 (Luna-Glob-1)
 July?? GSLV-Mk III. Gaganyaan-2

?? [Soyuz ST](#) B/[Fregat](#)-MT EarthCare

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

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

Sep?? [Soyuz ST](#) B/[Fregat](#)-MT MetOp-SG A1/EPS-SG-a/Sentinel-5A
 Sep?? [Falcon 9](#) SWOT
 Sep?? [Falcon 9](#) OHB SARah 2/3

Oct16. [Atlas 5](#) 401 **Lucy**

Oct?? [Atlas 5](#) 401/[Falcon 9](#) v1.1 JPSS Free Flyer 2 (TSIS-2)
 Oct?? Ariane 62 CSO-3

Dec?? [Vega](#) C KOMPSAT 7
 Dec?? GSLV-Mk III. Gaganyaan-3

?? [Ariane 5](#) MTG-I1

?? [Atlas 5](#) 552 Dream Chaser Cargo System SNC-2

?? [Falcon 9](#) GPS IIIA-7
 ?? [Falcon 9](#) GPS IIIA-8



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??	Soyuz-2	Progress MS 20	
??	Soyuz-2-1B/Fregat-M	Transformable Modul	TM
??	Proton-M		H3M-1
??	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	
??	Proton-M/ DM-03	Glonass-M/K21,K22,K23	
??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 2	
??	Soyuz-2 1B /Fregat-M	Resurs №5	
??	Angara A5/ Briz-M	Luch 5M	
??	Ariane 5	Heinrich Hertz	
??	Ariane 5	SES-17	
??	Ariane 5	Comsat NG 1 (Syracuse 4A)	
??	Soyuz ST B/Fregat-MT	CSO 2 (Composante Spatiale Optique-2)	
??	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)	
??	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)	
??	Vega C	Space Rider 2	
??	Vega C	CNES/UAE Mars mission	
??	Vega-C	Pleiades Neo 3, Pleiades Neo 4	
??	CZ	Venus Global Sensing Probe	
??	CZ	FY-3G Fengyun-3G (Batch 2)	
??	??	Sansha-1 (1)	
??	??	Sansha-1 (2)	

2022.

Jan??	??	Solar Sentinels
Feb??	Atlas 5 402 / Falcon 9	USCV-6 (US Commercial Vehicles)
??	Soyuz-2	Progress MS 21

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)
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??	CZ-5	B Mengtian Lab module	Space station module
??	CZ-2F/G		SZ-15 Shenzhou-15
May20.	Ariane 5ECA		JUICE (JU)piter ICy moon Explorer)
Apr??	CZ-3B/G2		LTSAT (Nicasat 1)
June04.	SLS Block I		Orion: Exploration Mission 2 (Crew to Cislunar) Mission)
June??	Ariane 5		MTG-I2
??	Sunkar ??		
??	Soyuz-2		Progress MS 20
Aug??	H2B		Phobos sample return
Aug??	Atlas 5 402 / Falcon 9		USCV-7 (US Commercial Vehicles)
Sep30.	Soyuz-2-1A		Soyuz MS 20
Dec??	Soyuz ST B / Fregat -MT		MetOp-SG B1
Dec??	Vega C		FLEX (Fluorescence Explorer satellite)
??	Sunkar Federatsia (unmaned)		
??	Soyuz-2		Progress MS 21
??	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
??	Soyuz-2-1B/Fregat -M	Resurs PM - 1	
??	Angara A5/ Briz-M		Luch 5M
??	Ariane 5		Moon's south pole samples return mission
??	Ariane 5		Comsat NG 2 (Syracuse 4B)
??	Vega C	Space Rider 3	
??	Vega C	CryoSat FO	
??	CZ		HY-3C Haiyang-3C
2023.			
??	Soyuz-2		Progress MS 22
Feb??	Atlas 5 402 / Falcon 9		USCV-8 (US Commercial Vehicles)



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Mar30.

[Soyuz-2-1A](#)

[Soyuz MS 21](#)

?? CZ7 TZ 5 Tianzhou 5 (Logistic Cargo Vehicle)
 ?? CZ-2F/G SZ-16 Shenzhou-16

?? [Soyuz-2](#) [Progress MS 23](#)
 ?? [Ariane 5](#) MTG-S2/Sentinel-4A

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

Sep30.

[Soyuz-2-1A](#)

[Soyuz MS 22](#)

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

?? 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](#) C Space Rider 4

?? [Soyuz ST](#) B/[Fregat](#)-MT Sentinel-1C

?? CZ SPORT (Solar Polar Orbit Radio Telescope)

?? CZ FY-4D Fengyun-4D

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

?? [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

?? [Soyuz-2](#) 1a / [Fregat](#) [Luna 26](#) (Luna-Resurs OA)

2024

Feb?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-10 (US Commercial Vehicles)

Mar30.

[Soyuz-2-1A](#)

[Soyuz MS 23](#)

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



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Aug??	Atlas 5 402 / Falcon 9	USCV-11 (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 25
??	Soyuz-2	Progress MS 26
??	Soyuz-2	Progress MS 27
??	Soyuz-2 1b	Luna 27 (Luna-Resurs PA) Testing an adaptive landing mode with a radio-beacon; delivering a rover
??	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
??	CZ-5	Chang'e-6 Moon polar area sample return
??	Lapan	Pengorbitan-1 (RPS-01) (Indonesia)
2025		
??	SLS Block IA II	Orion: Exploration Mission 5 (Crew to Cislunar)
??	Soyuz-2-1A	Soyuz MS 25
??	SLS Block I	Europa Clipper
??	Soyuz-2 1b	Luna28 (Luna-Grunt-1) delivering a new-generation rover for gathering, analysis and uploading of samples
??	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
2026.		



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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)

2069.

?? ?? [Interstellar mission](#)