



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (4.2.2019.)

2019.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change 04.Feb.2019.

Feb05. 2101UTC [Ariane 5](#) ECA VA247 Hellas-Sat-4, SGS1 (SaudiGeoSat1) / GSAT 31
Launch site: [Kourou](#), French Guiana

Feb19. 0158UTC [Falcon 9](#) Nusantara (PSN VI)
Launch site: [Cape Canaveral](#), USA

Feb21. 1647UTC [Soyuz-2-1B](#) EgyptSat A
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Feb26. 2130UTC [Soyuz ST B/Fregat-MT \(VS21\)](#) OneWeb smalsat (x6)
Launch site: [Kourou](#), French Guiana 140

Feb?? Electron/Curie DARPA R3D2
Launch site: [Kaitorete Spit](#), New Zeland

??Feb [Simorgh](#) Nahid-1
Launch site: [Semnan](#), Iran

Feb?? [CZ-3C](#) [Beidou 3](#) 2G8
Feb?? [CZ-3A](#) [Beidou 3](#) I1Q

?? LauncherOne Test Launch
Launch site: [Spaceport America](#), USA

?? Pegasus-XL ICON ([Helio EX-1](#))
??Launch site: [Cape Canaveral](#), USA

?? [Soyuz-2-1B/Fregat M](#) Meridian 18L

Mar02. [Falcon 9](#) (SPx-DM1) Dragon v2 unmanned test
Launch site: [Cape Canaveral](#), USA

Mar09. 0150UTC [Vega](#) (VV14) [Prisma](#)
Launch site: [Kourou](#), French Guiana

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**

Mar26. [Soyuz ST B/Fregat-MT](#) [O3b \(FM17-20\)](#)
Launch site: [Kourou](#), French Guiana

Mar?? [Falcon H](#) Arabsat 6A
Launch site: [Cape Canaveral](#), USA



Blog Gorana Hudeca

Mar??	CZ??	OS-M1
Mar??	CZ-3B/G2	ZX-18 Zhongxing-18
Mar??	PSLV C45	EMIsat
Mar??	PSLV C46	CARTOSAT-3
??	Soyuz-2 1A	Bars-M 3
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
??	Rokot / Briz KM	Gonets x 3 (No 24,25,26), Blits-M
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		120
??	Falcon 9	Radarsat C-1, -2, C-3
Launch site: Vandenberg , USA		
??	Electron	Outernet 2,3
Apr04.	1101UTC	Soyuz-2 Progress MS 11
Apr05.	CZ??	CAS-7A, CAS-7B
Apr17.	Antares 230	Cygnum OA-11
Launch site: Wallops Island , USA		
Apr??	Soyuz-2-1B/Fregat-M	Meteor M-2-2, Ionosfera 3, Ionosfera 4
Launch site: Восточный (Vostochniy) Cosmodrome, Russia		
Apr??	GSLV Mk II D9	Chandrayaan 2
Launch site: Satish Dhawan Space Centre , Sriharikota, India		
Apr??	Falcon 9	Dragon SpX-17
Launch site: Cape Canaveral , USA		
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 C47	RISAT-2BR1
??	Vega	Falcon Eye 1
May??	Ariane 5	GSAT-30
May??	Proton-M/Briz-M	EutelSat 5 West B / MEV
May??	Soyuz-2-1B/Fregat	Glonass M/ 58
May??	Atlas 5 N22 (AV80)	CST-100 Starliner (unmanned test)
??	Falcon 9	SARah 1 100
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
Launch site: Taiyuan , China		



Blog Gorana Hudeca

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

?? [CZ-3B/G2](#) TCSTAR 1
?? SSLV ??
?? [GSLV](#) MK II F10 GISAT
?? [Ariane 5](#) ECA Intelsat 39
?? [Falcon 9](#) Amos 17
?? [CZ-11](#) Zhuhai-1 Group-3
?? [Ariane 5](#) ECA Eutelsat 7C

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?? H-2B (F9) HTV8
July?? [Atlas 5](#) 551 STP-03
July?? [Vega](#) SSMS POC (Small Spacecraft Mission Service Proof Of Concept) 80
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)

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

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

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

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

Sep15. [Soyuz-2-1A](#) [Soyuz MS 15 \(S61/62\)](#)
CDR : Олѐг Ива́нович **Скри́почка**, (Oleg Ivanovich **Skripotscka**), Christopher J. **Cassidy**, **Al Mansouri**

Sep?? [Ariane 5](#) ECA GSAT-20

?? [Atlas 5](#) 551 (AV-086) AEHF-6
?? [Ariane 5](#) Inmarsat-5 F5
?? [Falcon 9](#) JCSat 18

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



Blog Gorana Hudeca

Oct01.	Antares 230	Cygnum OA-12	
Oct15.	Soyuz ST B/Fregat -MT (Characterising ExOPlanet Satellite)	Cosmo-SkyMed Secon Gen 1	CSG-1 / CHEOPS
Oct15.	Falcon 9 FT	Dragon SpX-19	
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	60
??	CZ-4B	CBERS-4° A	
??	Falcon 9	OHB SARah 2/3	
Nov??	Soyuz-2 1B / Fregat -M	Resurs №4	
??	Falcon 9	Dragon v2 (USCV-1)	
Cdr: Victor Glover , Mike Hopkins			
??	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	Satelllogic (1-13)	
??	Vega	Seosat (Ingenio)	
??	Minotaur 1	NROL 111	
??	Falcon 9	SiriusXM SX7	
Dec02.	Soyuz-2	Progress MS 13	
Dec??	Atlas 5 402	CST 100 Starliner (USCV-2)	
Cdr: John Cassada , Sunita Williams			
Dec??	Proton-M/Briz-M	Ekspress 80, Ekspress 103	
Dec??	Soyuz-2 1B / Fregat -M	CAS500-1	
Dec??	Soyuz-2 -1B/ Fregat	Glomass K2 / 13	
Dec??	Falcon 9	GPS IIIA-4	
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22	40
??	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 -1B/ Fregat M	Meridian 19L	
??	Soyuz-2 -	Razdan 1	
??	Angara 1.2	Kosmos	
??	Angara A5/ Briz-M	Kosmos (Repei)	



Blog Gorana Hudeca

??	Proton-M/Briz-M	Kosmos	
??	Soyuz-2 1A	Energiya-100	
??	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			
??	CZ-5	Chang'e-5 (Sample return)	
??	CZ-7	New generation manned spacecraft	
??	CZ	FY-3E Fengyun-3E	
??	CZ	FY-4B Fengyun-4B	20
??	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 1-09	
Launch site: Jiuquan , 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-3C	Tianlian-2 TL-2	
??	CZ-3B /YZ-1	ZX-6C Zhongxing-6C	
??	GSLV MK II F11	GSAT-10A	
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	PSLV	ScatSat, NovaSAR	
??	Safir 1 B	Tadbir	
??	Safir 3A	Pars sepher	



Blog Gorana Hudeca

6 + 143

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)

Feb?? H-2B (F10) HTV9
 Feb?? [CZ-3B/YZ-1](#) [Beidou 3](#) 2GQ

?? [Vega](#) SSMS – 2 (Small Spacecraft Mission Service)
 ?? [Soyuz ST](#) B/[Fregat](#)-MT OneWeb smalsat (x32)
 ?? [Vega](#) Falcon Eye 2
 ?? [Proton-M](#) MLM
 ?? [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

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)

July16 [Ariane 62](#) [Galileo-FOC FM23](#), [Galileo-FOC FM24](#)

July17. [Atlas 5](#) (541) [Mars 2020 rover](#)



Blog Gorana Hudeca

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)
 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](#) USCV-3 (US Commercial Vehicles)
 CDR: ??(NASA), ??(NASA), ??(RF)

Aug?? [Falcon 9](#) FT [Dragon](#) SpX-21
 Aug?? [Soyuz-2](#) [Progress MS](#) 14

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

?? 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).

?? ?? 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



Blog Gorana Hudeca

??	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	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	PTK 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
??	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



Blog Gorana Hudeca

2021.

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

Feb?? [Soyuz-2](#) [Progress MS](#) 16

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](#) 17

?? 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

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

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

?? [Soyuz-2](#)-1B/[Fregat](#)-M Transformable Modul TM

?? [Proton-M](#) HEM-1



Blog Gorana Hudeca

??	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 19

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	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)
-------	--------------------------	-------------------



Blog Gorana Hudeca

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)

Mar30. **[Soyuz-2-1A](#) [Soyuz MS 21](#)**

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



Blog Gorana Hudeca

??	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	Ekspress – 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)
Aug??	Atlas 5 402 / Falcon 9	USCV-11 (US Commercial Vehicles)
Sep30.	Soyuz-2-1A	Soyuz MS 24



Blog Gorana Hudeca

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.			
June??	Angara A5P/KVTK		A mission to Venus (<i>Venera D</i>) would be launched
??	CZ	Jupiter Orbiter	
??	CZ	Mars Sample Return	



Blog Gorana Hudeca

- ?? CZ Chang'e-8 (Moon north pole landing)
- ?? [Angara](#) A5/DM03 Bumerang (FobosGrunt 2)

2069.

- ?? ?? [Interstellar mission](#)