

## Brian Harvey: books and articles on spaceflight

### Books

- A history of the Soviet space programme*, Ellis Horwood, Chichester, 1988
- The new Russian space programme: competition to cooperation*, Praxis/Wiley, 1996
- Chinese space programme - from conception to future capabilities*, Praxis/Wiley, 1998
- Two roads into space - the Japanese and Indian space programmes*, Praxis/Springer, 1999
- Russia in space - the failed frontier?* Praxis/Springer, 2001 (in Korean, 2010)
- Europe's space programme*, Praxis/Springer, 2003
- The Chinese space programme - from conception to manned spaceflight*, Praxis/Springer, 2004
- Soviet and Russian lunar exploration*, Praxis/Springer, 2007 (in Chinese, 2008)
- Space exploration annual 2007*, Praxis/Springer, 2006 (editor)
- Space exploration annual, 2008*, Praxis/Springer, 2007 (joint editor, with David Harland)
- Soviet and Russian planetary exploration*, Praxis/Springer, 2007, (in Chinese, 2008)
- Rebirth of the Russian space programme*, Praxis/Springer, 2007
- Emerging space powers*, with Henk Smid & Théo Pirard, Praxis/Springer, 2010
- Russian space probes - scientific discoveries, legacy and future prospects*, Springer/Praxis (with Olga Zakutnyaya of Institute for Space Research/Russian Academy of Sciences), 2011
- China in space - the great leap forward*, Springer/Praxis, 2013
- Discovering the cosmos with small spacecraft - the US Explorer programme* (Springer, 2018)
- China in space - the great leap forward*, 2nd edition (Springer, 2019) (in Chinese in press)
- European - Russian cooperation in space - from de Gaulle to ExoMars* (Springer, 2021). (Springer, 2021)
- Beyond Baikonour and Cape Canaveral - an architecture of launch sites* (with Gurbir Singh), DOM, Berlin, 2021 (in press)
- Japan - the first 50 years in space* (Springer, due 2024).

### Book chapters

- Hiding in plain view* in Dominic Phelan (ed): Space sleuths. Springer/Praxis, 2012.
- Юрий Галперин, *Космос 5 и STARFISH* in Юрий Ильич Галперин - 80 лет со дня рождения - Рассказы Друзей, Коллег, Учеников. ИКИ, Москва, 2012 (*Yuri Galperin, Cosmos 5 and Starfish* in Lev Zelenyi & Tatiana Mulyarchik (eds): Yuri Galperin. Moscow, Institute for Space Research/Russian Academy of Sciences, 2012).
- Differences between international approaches to space*, in James Wertz, David Everett & Jeffrey Puschwell (eds): Space Mission Engineering - the new SMAD. Microcosm Press, Hawthorne, California, 2011
- China's lunar programme* in Paul Meuser (ed): Architectural guide - Moon. DOM, Berlin, 2019 (in German, 2019)
- Biological experiments in space - China* in Erik Seedhouse (ed): Handbook of Life Support Systems for Spacecraft and Extraterrestrial Habitats. Springer, 2024 (due)

## Articles

### British Interplanetary Society *Spaceflight* magazine

Vol 19 #12, December 1977	<i>Ireland names spacelab team</i>
Vol 22 #5 May 1980	<i>USSR space station plans</i>
#9/10 Sep/Oct 1980	<i>Ireland's Earth station</i>
Vol 25 #12, December 1983	<i>Irish Earth station</i>
Vol 27 #1, January 1985	<i>Soviet space activities</i>
#4, April 1985	<i>Results from Veneras 15 &amp; 16</i>
#12, December 1985	<i>Soviet planetary missions</i>
Vol 28 #3 March 1986	<i>Phobos lander project</i>
#9/10, Sept/Oct 1986	<i>New details on Phobos lander project</i>
Vol 30 #1, January 1988	<i>Ireland sees future in space investment</i>
#11, November 1988	<i>Mars '94 takes shape</i>
Vol 31 #2, February 1989	<i>New eye on the seas - Soviet oceanographic satellite system</i>
#6, June 1989	<i>Greens spike sunlight project?</i>
Vol 32 #4, April 1990	<i>Phobos 2 radiation results announced</i>
Vol 33 #1, January 1991	<i>"I was last to touch the Sputnik" - Korolev aide tells of how Sputnik was built and launched</i>
Vol 33 #6, June 1991	<i>Regata ready to sail</i>
Vol 35 #3, March 1993	<i>Science a la carte - French science museum</i>
Vol 39, #4, April 1997	<i>Tragic end to Bion mission</i>
Vol 43 #6, June 2001	<i>Pioneer of Japanese rocketry - Hideo Itokawa</i>
Vol 47 #8, August 2005	<i>Beijing rocket engine testing centre</i>
Vol 49 #7, July 2007	<i>Yuval Neeman - father on Israel's space programme</i>
Vol 49 #10, October 2007	<i>A bold and daring vision - Vikram Sarabhai</i>
Vol 51, #10, October 2009	<i>Comet alert - Vernadsky's Siberian meteoroid</i>
Vol 56 #11, November 2014	<i>Soviet tracking ships and Roberto Bartini (with Bert Vis)</i>
Vol 59 #12, December 2017	<i>Book review, Linking space shuttle and space stations</i>
Vol 60, #2, February 2018	<i>Elena shoots for the moon</i>
Vol 63 #7, July 2021	<i>China: space station construction begins (due)</i>

### *Journal of the British Interplanetary Society (JBIS)*

Vol 31 #3, 1988	<i>The evolution of the Prognoz series of solar observatories</i>
Vol 43 1990	<i>Promise unfulfilled: the Soviet unmanned moon programme, 1969-88</i>
Vol 46 #10, 1993	<i>Biosputniks: use by the Soviet Union and Russia of dogs, monkeys and other animals in exploration of space, 1949-93</i>
Vol 47 #9 1994	<i>Rendezvous and docking difficulties in the Soviet manned space programme</i>
Vol 47 #9 1994	<i>The new cosmodrome at Svobodny</i>
Vol 54 #1/2 Jan/Feb 2001	<i>Russia: the Indian connexion</i>
Vol 54 #3/4 Mar/Apr 2001	<i>Chinese space review: recent developments, 1998-2000</i>
Vol 54 #11,12 Nov/Dec 2001	<i>Russian military space capabilities, 1992-2001</i>
Vol 55 # 7/8 July/August 2002	<i>Project 863</i>
Vol 56 #1/2 Jan/Feb 2003	<i>Overflights of Soviet cosmodromes</i>
Vol 60 #3, March 2007	<i>The Mars 6 landing on Mars, 12th March 1974</i>
Vol 61 #2, Feb 2008	<i>Yuri Lipsky and the Soviet mapping project</i>

**British Interplanetary Society *Space Chronicle***

Vol 57 #2, 2004	<i>Overflights of Jiuquan launching centre</i>
Vol 59 #8, 2006	<i>Mikhail Tikhonravov, 1900-74, a reappraisal</i>
Vol 61, #2, 2009	<i>Yuri Galperin and the Soviet space science programme</i>
Vol 63, #1, 2010	<i>Science in the Cosmos programme</i>
Vol 70 #1, 2017	<i>Finding lost Moon, Mars and Venus probes</i>
Vol 70 #1, 2017	<i>Chinese space science update</i>
Vol 71 §1, 2018	<i>Spektr and Russian space science</i>
Vol 73 §1, April 2020	<i>Once in a blue moon- Japanese lunar programme</i>
Vol 73 §3, Oct 2020	<i>Robots on the Moon - the missions of Luna 16 and 17</i>
Vol 1 §1, Jan 2021	<i>Troika treasure trove</i>
Vol 2, §1, Jan 2022	<i>Forgotten space agency - who has heard of the IKF? (due)</i>

**Irish Astronomical Society *Orbit***

Feb 1977	<i>Recent advances in exploration of the solar system - I</i>
April 1977	<i>Recent advances in exploration of the solar system - II</i>
June 1977	<i>Recent advances in exploration of the solar system - III</i>
Feb 1978	<i>Halley's comet - due in eight years</i>
vol 17#6, May 1979	<i>Exploring the moon - 10 years after Apollo</i>
Vol 22#2, Oct 1982	<i>Exploring the planets - the next 15 years</i>
Vol 23#2, Dec 1984	<i>Exploring space - the Soviet space programme</i>
Vol 24#1, Nov 1985	<i>Planetary targets for new space missions</i>
Vol 25#1, Sep 1986	<i>Flights to the planets, 1987 - 1993</i>
Vol 25#5, May 1987	<i>Exploring the asteroids</i>
Vol 26 #1 Jan 1988	<i>Valentin Glushko and the Gas Dynamics Laboratory</i>
Vol 26 #4 Nov 1988	<i>Mars probe out of control?</i>
Vol 27#3, Jan 1989	<i>Project Spektr takes shape</i>
Vol 27 #4, March 1989	<i>Phobos 2 reaches Mars orbit</i>
Vol 27#5, May 1989	<i>America's plan to beat Russia to Mars</i>
Vol 28#1, Sep 1989	<i>Soviet space news</i>
Vol 28#4, May 1990	<i>Effects of glasnost &amp; perestroika on space programme</i>
Vol 35#3, Dec 1996	<i>Prague observatory, Czech Republic</i>
Vol 36 #2 June 1997	<i>Solar observatory commemorates Russian cosmonaut</i>
Vol 37#3, Dec 1998	<i>How good were the early astronomers?</i>
Vol 38#5, Apr 2000	<i>Beijing's observatory</i>
Vol 43 #6 June/July 2005	<i>Historic photograph recently discovered</i>
Vol 44 #5 April May 2006	<i>The first astrobiologist - Gavril Tikhov</i>
Vol 45 #3 Dec 2006/Jan 2007	<i>Orbit goes to Valencia</i>
Vol 45, #6, June/July 2007	<i>Russia and China go to Mars</i>
Vol 46, #4, Oct/Nov 2007	<i>The strange story of Ari Sternfeld</i>
Vol 46, #5, April-May 2008	<i>Ireland's rocket theorist, Desmond Bernal</i>
Vol 47, #1, Aug/Sep 2008	<i>Olga Khorosheva and the auroral oval</i>
Vol 47, #2, Oct/Nov 2008	<i>Winter is coming - it's snowing on Mars! Orbit in Glasgow</i>
Vol 50, §3, Jan-Mar 2015	<i>Golden age of robotic exploration: Orbit in Toronto</i>
Vol 53, §1, Jan-Mar 2018	<i>Orbit at Sputnik 60</i>
Vol 53, §4, Oct-Dec 2018	<i>The Georgi Dobrovolski solar observatory</i>
Vol 56, §2, April-June 2021	<i>COSPAR 2021: asteroids, Mars and Moon</i>

**Astronomy Ireland Astronomy & Space**

Vol 3#4, Feb/Mar 93	<i>Space endurance record</i>
Vol 4#3, Oct 1996	<i>Mir at 20</i>
June 1997	<i>Mir update</i>
Jan 1998	<i>Vacancies for cosmonauts, pilots, engineers, doctors</i>
Feb 1998	<i>China in space</i>
May 1998	<i>Russia's space spies</i>
July 1998	<i>Mir update</i>
Sep 1998	<i>Mir money</i>
Nov 1998	<i>Mir report</i>
Jan 1999	<i>A tale of two stations</i>
May 1999	<i>Mir report</i>
June 2000	<i>Goodbye to Mir? - not yet!</i>
August 2000	<i>Mir update</i>
January 2001	<i>The rocky road to the ISS</i>
April 2001	<i>Mir 1986 - 2001</i>
May 2001	<i>40 years after Yuri Gagarin</i>
2008 - monthly column	<i>What's happening on the ISS? [now in 14th year]</i>
Dec 2012	<i>Astronomy &amp; Space meets Liu Yang</i>
May 2013	<i>Mars 3 found</i>
June 2013	<i>Moon probes found</i>
June 2014	<i>Mars 6 found [subsequent correction]</i>
Dec 2014	<i>Xiaofei is back from the moon!</i>
Aug 2015	<i>Soyuz? Progress? What's in a name? A lot!</i>
July 2017	<i>Georgi Grechko, 1931-2017</i>
Feb 2018	<i>Russia completes 17-day moon simulation mission</i>
Feb 2019	<i>China - the best is yet to come</i>
Jun 2020	<i>China orbits Mars, roves farside, launches space station</i>

**Go Taikonauts!**

§7, Jan 2013	<i>Chinese space science I</i>
§8, April 2013	<i>Chinese space science, II</i>
§24, Mar 2019	<i>Wu Ji and Chinese space science</i>
§26, August 2019	<i>Following Yuanwang tracking ships (1/3)</i>
§27, Dec 2019	<i>Following tracking ships, autumn 2019 (2/3)</i>
§29, Jun 2020	<i>China, sanctions and spaceflight</i>
§31, Feb 2021	<i>Following Yuanwang - new destinations? (3/3)</i>

**Space Policy**

2011, §27	<i>Selling peace, book review</i>
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**ROOM**

Vol 23, §1, 2020	<i>Reviving Russia's space programme</i>
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**Space Quarterly**

Vol 2 §1 March 2012	<i>Russia's troubled space programme</i>
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**Space governance**

Vol 5#2, July 1998	<i>Space societies in Britain and Ireland</i>
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**Quest**

Vol 2#3, Autumn 1993  
Vol 6#4, Winter 1998

*The 1963 Soviet space platform*  
*Yuri Kondratyuk - stolen past, stolen future?*

**Zenit**

#22, December 1988

*Soviet TAV - tests begin*  
*Manned space station for Mars?*  
*Renewing the proletarian line*

§65, spring 2013

**Journal of the Centre for Non-Proliferation Studies**

Occasional paper #12. 2003

*China's space programme - competitor or partner?*

**Astronomy Now**

vol 16 #4 April 2002

Vol 18 # 8 July 2003

August 2004

January 2005

*Dragon space*  
*China ready for manned flight*  
*New moon race*  
*Japan tests space sails*

**FTL (Journal of the Irish Association for Science Fiction)**

#4, Spring 1990

*The wind from the stars*

**Irish Independent**

24 Aug 1989

5 Sep 1988

20 July 1989

29 Sep 1989

10 Oct 1989

*Star trekking across the universe - Voyager 2 Neptune*  
*Cheating death on the final frontier*  
*Back down to Earth with a jolt*  
*Shuttle is go for liftoff*  
*Blasting off with nuclear power packs*

**Hibernia**

Hibernia, 25th Nov. 1977

*High stakes in the space race*

**Sunday Press**

29 May 1977

6 Nov 1977

2 Sept 1980

21 Nov 1982

16th Jan 1983

10 April 1983

14 Oct 1984

8 Sep 1985

19 Jan 1986

June 1986

11 Jan 1987

11 May 1987

*Has cold war gone to space?*  
*China ready for manned space shot*  
*Hot comet*  
*Mars bars for Earthlings!*  
*Danger from space (Cosmos 1402)*  
*It's the shuttlenik*  
*Putting lights in sky - daring space plan from Russia*  
*Ireland joins Soviets in Mars probe*  
*Hello there sidewinder - Voyager 2 at Uranus*  
*Space race is on again*  
*America losing race for high frontier*  
*Safety of crew poser that faces NASA*

**Parrot**

1970

*The challenge of spaceflight*