British Interplanetary Society

Beyond the Moon 2026

Day 1 Programme



Thursday 19th November 2026

The 6th Beyond the Moon Symposium

Time	Title	Presenter
09:00 – 09:25	Registration, coffee and pastries	
09:25 – 09:30	Welcome and Introduction	Colin Philp, BIS President
Morning Session: Space Medicine		Chair: Dr Vanessa Farsadaki
09:30 – 09:55	**Keynote:** "Reality to Imagination"	Simon Feast
09:55 – 10:20	Ageing Beyond Earth	Dr Ghada Alsaleh
10:20 – 10:45	AstroMedicine: Redefining Space Medicine	Dr Vanessa Farsadaki
10:45 – 11:05	Cancer as a Design Constraint for Permanent Human Settlement of Mars	Sam McKee
11:05 – 11:30	**Coffee and Networking (25 mins)**	
11:30 – 12:30	**Industry Hour:** SpaceBorn United; FaunaBio; and Alcor Cryogenics	Dr Egbert Edelbroek, SpaceBorn United Dr Ryan Sprenger, FaunaBio James Arrowood, Alcor Cryogenics
12:30 – 13:30	**Lunch (60 mins)**	
Afternoon Session:		Chair: Dr Vanessa Farsadaki
13:30 – 14:00	SETI	Bill Diamond
Human Hibernation		
14:00 – 14.25	Sleep, Torpor and Human Hibernation: What Biology Can and Cannot Offer Spaceflight	Dr Vladyslav Vyazovskiy
14:25 – 14:50	Human Hibernation and AI	Dr Charla Griffy-Brown
14:50 – 15:15	Human Hibernation on Mental and Behavioural Health	Dr Bianca Cheung
15:15 – 16:00	**Tea and Networking (45 mins)**	
Late Afternoon Session: Book Launch		Chair: Colin Philp, BIS President
16:00 – 16:20	**Book Panel**	Dr Ekaterina Kostioukhina Ryan Mitchell Dr Sumbal Mushtaq
16:20 – 16:50	**Book Fireside Chat**	Dr Vanessa Farsadaki Dr Richard Soilleux
17:00	Day 1 Close followed by **Drinks and Networking**	Colin Philp, BIS President

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Day 2 Programme



Friday 20th November 2026

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Time	Title	Presenter
Early Morning Session: Biology in Space		Chair: Richard Soilleux
09:00 – 09:10	**Introduction**	Richard Soilleux
09:10 – 09:35	Bringing the Living World with Us: Contained Biological Infrastructure for Livable Space Habitats	Dr Silvia Schmaltzl
09:35 – 10:00	An Integrated Architecture for Biological Risk Prevention, Surveillance and Research Beyond the Moon	Lucas Boldrini Ivet Yordanova Hiram Martori
10:00 – 10:20	**Coffee and Networking (20 mins)**	
Late Morning Session: Enabling Systems		Chair: Richard Soilleux
10:20 – 10:45	From Survival to Expansion — A Systems Engineering Roadmap for Sustainable Off-World Human Settlements	Benedetto Professo
10:45 – 11:10	The Interplanetary Operating System: AI as Infrastructure Beyond the Moon	Lars R. “Jones” Vadjina
11:10 – 11:35	A Strategy for Unmanned Space Development	Giorgio Gaviraghi
11:35 – 12:00	FORERUNNER – Autonomous Planetary Infrastructure for Sustainable Human Expansion Beyond Earth	Ibukunoluwa Olasile Afolabi
12:00 – 13:00	**Lunch (60 mins)**	
Early Afternoon Session: Enabling Technologies		Chair: Gerry Webb
13:00 – 13:25	An Integrated Bimodal Nuclear Vehicle for Human Interplanetary Transit	Jonathan Worden
13:25 – 13:50	Thinking Like an Extraterrestrial: Native Power Architectures for Outer Solar System Settlement and Expansion	Nadine Nasser
13:50 – 14:15	Depth Fusion for Energy Generation in the Outer Solar System	Gabriel Harry
14:15 – 14:40	SAVER: Engineering a Crewed Habitat for Venus’s Temperate Atmosphere Layer	Jon McNaught
14:40 – 15:05	The Jovian Cycle: A Global Design Exchange for Human Presence in the Outer Solar System	Paul Joldersma
15:05 – 15:35	**Tea and Networking (30 mins)**	

Time	Title	Presenter
Late Afternoon Session: Organisational and Political Systems		Chair: Gerry Webb
15:35 – 16:00	Labour Rights Beyond Earth: Corporate Governance, Control, and Housing in Space Company Towns	Tobias Kelly-Simpson
16:00 – 16:25	The Windmill Model of Space Diplomacy & Multidimensional Policy	Ege Güvenir
16:25 – 16:50	Closing the Gap: Combining Analogue and Organisational Evidence to Design Crew Composition Studies for Long-Duration Missions	Caroline Clark
16:50 – 17:15	Who Gets to Go? Community, Access and the Human Infrastructure of Interplanetary Expansion	Deborah Sass
17:15 – 17:40	The Strategic Geography of Space and its Implications for Humanity's Expansion into the Wider Solar System	Michael D'Alessandro
17:40 – 19:00	**Close of Sessions – Bar Open**	
19:00	Finish	