
SENATE CONCURRENT RESOLUTION

URGING THE EXECUTIVE AND LEGISLATIVE BRANCHES OF THE STATE OF HAWAII TO PROMOTE AND REALIZE THE VISION AND FULL POTENTIAL OF THE GLOBAL ALLIANCE FOR INTERNATIONAL COLLABORATION IN SPACE INITIATIVE AND EXPLORE WAYS TO PROVIDE STATE ADMINISTRATIVE AND FUNDING SUPPORT FOR THE INITIATIVE, IN CONSULTATION WITH THE HAWAII SPACE INDUSTRY INNOVATION PROGRAM AND GOVERNOR ARIYOSHI FOUNDATION.

1 WHEREAS, humanity is now embarking on a new era of space
2 enterprise, with both public and private research and development
3 institutions worldwide exploring innovative approaches to advance
4 space science, exploration, and development; and
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6 WHEREAS, leveraging these innovations, space-faring nations
7 are working to expand and diversify their space-related activities,
8 while non space-faring countries will also benefit from pioneering
9 technologies emerging through this revolution - enabling pathways
10 for all of humanity to engage on the frontiers of space; and
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12 WHEREAS, over the past half century, Hawaii has played an
13 instrumental and inspiring role enabling humankind's exploration
14 of the Cosmos - from the training of Apollo astronauts that
15 pioneered manned missions to the Earth's Moon, to the
16 development of world-class telescopes that are rapidly expanding
17 our knowledge of and insights into the Cosmos; and
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19 WHEREAS, Hawaii's strategic mid-Pacific near-equatorial
20 location, Moon and Mars-like terrain, resident scientific and
21 engineering expertise, and long-standing ties with the National
22 Aeronautics and Space Administration (NASA), the Japanese
23 Aerospace Exploration Agency (JAXA), the European Space Agency
24 (ESA), and other leading space research and development programs
25 worldwide, afford strategic assets and capabilities that can be
26 further leveraged to help realize humankind's full potential in



1 space, as well as enable our State to expand its role as a major
2 contributor to and beneficiary of global space initiatives; and
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4 WHEREAS, recognizing this potential, a team of visionary
5 space professionals, coordinated through the Governor Ariyoshi
6 Foundation's Hawaii Space Industry Innovation Program (HiSPACE),
7 is now exploring creative ways to engage with government agencies,
8 scientific institutions, universities, commercial space ventures,
9 and space organizations worldwide - leveraging Hawaii's strategic
10 space assets and capabilities in promoting public-private
11 partnerships and international alliances that can help reduce the
12 costs, enhance the benefits, and accelerate timetables for future
13 space exploration and development; and
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15 WHEREAS, known as the Global Alliance for International
16 Collaboration in Space (GALIX), this initiative will both inspire
17 and promote innovative approaches to space enterprise, exploring
18 multiple opportunities to expand and diversify space education,
19 training, and research that could advance space missions (robotic
20 and human) to the Moon, Mars, and other solar system bodies, as
21 well as enrich and help sustain human civilizations on Earth; and
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23 WHEREAS, the multiple value-added opportunities promoted
24 through the GALIX initiative program include, but will not be
25 limited to, innovative space education activities, diverse space
26 training initiatives, and pioneering space research and
27 development to both promote and enable collaborative space
28 enterprise that ultimately will engage and directly benefit all
29 of humankind; and
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31 WHEREAS, GALIX goals and operational objectives will be
32 developed by an international steering committee over the coming
33 months, and will be designed to explore and promote new types of
34 cooperative space ventures and related financing, as well as
35 innovative organizational models and international alliances,
36 that can help expand and diversify humankind's exploration of and
37 development in space; and
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39 WHEREAS, GALIX will seek to promote its multiple goals and
40 operational objectives through memoranda of understanding with key
41 space institutions and organizations, publications in key space



1 journals, discussions during space webinars with the global space
2 community, and presentations through online media; and
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4 WHEREAS, progress toward achieving these goals will be
5 measured by the breadth and diversity of GALIX initiatives, the
6 number and diversity of organizations and institutions engaged in
7 this enterprise, and the extent and long-term sustainability of
8 public-private partnerships and multinational alliances launched
9 to enable and promote GALIX initiatives; and
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11 WHEREAS, GALIX will be reaching out to a broad range of
12 institutions and programs to engage with this alliance, including
13 space agencies and councils, space associations and societies,
14 international space organizations and relevant U.N. offices and
15 agencies, universities and research institutes with space
16 interests, space corporations, space-related foundations and
17 organizations, and space media; and
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19 WHEREAS, these partnerships will build upon and promote
20 collaboration with and support for ongoing space enterprise
21 statewide - including but not limited to the Hawaii Space Industry
22 Innovation Program (HiSPACE), the Hawaii Space Exploration Analog
23 and Simulation (HI-SEAS) Program, the Pacific International Space
24 Center for Exploration Systems (PISCES), the Hawaii Space Flight
25 Laboratory (HSFL), the Institute for Astronomy (IfA), the Blue
26 Planet Foundation (BPF), and the International MoonBase Alliance
27 (IMA); now, therefore,
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29 BE IT RESOLVED by the Senate of the Thirty-first
30 Legislature of the State of Hawaii, Regular Session of 2021, the
31 House of Representatives concurring, that the executive and
32 legislative branches of the State of Hawaii are urged to promote
33 and realize the vision and full potential of the GALIX
34 initiative and explore ways to provide state administrative and
35 funding support for the initiative, in consultation with the
36 HiSPACE Advisory Team and Governor Ariyoshi Foundation; and
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38 BE IT FURTHER RESOLVED that the Governor Ariyoshi
39 Foundation is commended for its sustained vision and leadership
40 in supporting space research and exploration through HiSPACE and
41 endorsing this program's ongoing efforts to establish GALIX,
42 headquartered in Hawaii, as a multinational coalition to both



1 expand and diversify space ventures for all humankind, thereby
2 enhancing Hawaii's pioneering role on the frontiers of space;
3 and
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5 BE IT FURTHER RESOLVED that the Legislature acknowledges and
6 wishes to help advance the strategic role Hawaii can play and
7 significant benefits our State can realize in pursuing the
8 substantial scientific, educational, and economic opportunities
9 afforded through space research, exploration, and development;
10 and
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12 BE IT FURTHER RESOLVED that the Global Alliance for
13 International Collaboration in Space (GALIX), established through
14 the Hawaii Space Industry Innovation Program (HiSPACE) of the
15 Governor Ariyoshi Foundation and engaging aerospace professionals
16 from around the world, has tremendous potential to advance both
17 public-private partnerships and international alliances that can
18 expand and diversify humankind's exploration of the Cosmos, and
19 in so doing strengthen Hawaii's pioneering and leadership role in
20 space enterprise; and
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22 BE IT FURTHER RESOLVED that certified copies of this
23 Concurrent Resolution shall be transmitted to the Governor;
24 Lieutenant Governor; Director of the Department of Business,
25 Economic Development, and Tourism; President of the University of
26 Hawaii; Adjutant General; Commander of the United States Indo-
27 Pacific Command; Commander of the United States Pacific Fleet;
28 Commander of the Pacific Air Forces; Commanding General of the
29 United States Army Pacific; Commander of the United States Marine
30 Corps Forces, Pacific; Administrator of the Federal Aviation
31 Administration; and Administrator of the National Aeronautics and
32 Space Administration.

