



World Space
Week ASSOCIATION

World Space Week Association 2020

Annual Report



World Space Week 2020 Theme: Satellites Improve Life

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FOREWORD

A Letter from the 2020 Honorary Chair

When I was approached about the honorary chairmanship for World Space Week 2020, I was immediately intrigued. When I learned that the 2020 theme would be how “Satellites Improve Life” – I was ready to get to work.

One of my greatest passions is helping people, businesses, and governments leverage innovation in space to make life better for more people here on the ground. This passion extends across our team at SES, where our declared purpose is to do the extraordinary in space so as to deliver amazing experiences everywhere on Earth. Whether it’s through entertainment or education, remote health or security services, the enrichment of mankind by space exploration, study, and technology is infinite.

That’s why SES and I are proud to support World Space Week. While the COVID-19 pandemic made in-person WSW events challenging this year, the power of satellites made it possible to connect digitally with many thousands of students, educators, professionals, and interested citizens, enabling us to fully promote the life-changing outcomes driven by innovators across a range of space industries.

As we look ahead to 2021, I would like to extend a hearty welcome to Lisa Callahan, Vice President and General Manager of Lockheed Martin Commercial Civil Space and 2021 World Space Week Honorary Chair. I am excited about the leadership and vision she will bring as the Association shines a long-overdue spotlight on “Women In Space” – another theme that resonates across our industry, and one that SES is proud to support again in 2021.

Thank you to Lisa, the World Space Week Association, and all of those who support the organization’s important work. Let’s continue to celebrate our collective extraordinary achievements in space that enable people to keep doing amazing things on Earth.



Steve Collar
President & CEO SES
WSW 2020 Honorary Chair



Dear World Space Week Supporter:

The year 2020 was incredibly successful for World Space Week and World Space Week Association in spite of the global pandemic.

World Space Week 2020 had a huge amount of virtual events and promotions, likely due to the pandemic and pent-up demand for connection among the diverse global space community. We saw an incredible array of webinars, Zoom events, and other virtual events during World Space Week celebrating the 2020 theme, "Satellites Improve Life."

Likewise, World Space Week 2020 received a record amount of social media coverage, including over 200 million Twitter impressions. Among the organizations tweeting about WSW 2020 were UNOOSA, ESA, Australian Space Agency and NASA Hubble.

Organizationally, it was a banner year for the Association. We raised a record amount of donations thanks to our 2020 Honorary Chair, SES CEO Steve Collar. We also completed a multi-year restructuring of our governance by bringing on a vibrant new Board of Directors and creating a Board of Advisors for previous directors to continue to show support. We are grateful to directors, both new and outgoing, for their commitment and inspiration to our cause.

I hope that you take a few moments to see for yourself in this report how 2020 was an incredible year, one that we look forward to building on in 2021 with your continued support. Thank you.



Dennis Stone
President
World Space Week Association



Dear World Space Week Supporters and Participants,

The same way no man is an island, we could not exist without you. We all had a difficult year. I am incredibly grateful to all of you who, regardless of the hardships, still celebrated World Space Week with us. It is heartening to see how many people around the world, especially young people, see the future of space activities as the future of humanity as well. I agree. Space-related technologies allowed us to remain connected, to stay in touch with one another, regardless of the distance. In 2020, we proved that no matter what, we all have the need to be connected with friends, families, and colleagues.

Our success is only possible because of your support. I am confident that the year ahead of us will bring us closer together, and that we will overcome the obstacles we faced in the previous year.

I am really looking forward to our 2021 theme Women in Space. This topic is very close to my heart, and as a young woman working in the space sector myself, I recognize the importance of diversity and inclusivity in space, but also in every other workforce. I firmly believe that inclusivity and diversity don't take away from anyone but rather bring benefits to humanity as a whole. We shouldn't be afraid of differences but rather embrace them and learn from one another. As one of the UNOOSA Space4Women Network mentors, I will do my best to empower those who wish to enter the space sector, and I am convinced that the activities we have planned for WSW 2021 will contribute to overcoming the obstacles that people, and especially women, face when they are starting their studies and careers in STE(A)M.

Thank you, dear supporters and participants, for helping us write our story of success. I am looking forward to writing many more, together with all of you.



Maruška Strah
Executive Director
World Space Week Association

EXECUTIVE SUMMARY

World Space Week Association (WSWA) coordinated the global celebration of World Space Week (WSW) 2020 with the theme “Satellites Improve Life.” This year was challenging for everyone due to the global COVID-19 pandemic. The repercussions of the pandemic dramatically highlighted the critical importance of remaining connected. This new reality underlined the theme’s relevance as satellite technology enabled the global space community to continue its work, monitor the environment, seek solutions for an array of problems, and keep in touch thanks to space-based telecommunication services.

WSWA has continued to grow and strengthen its support of the biggest space event on Earth! In 2020, WSW participants held over 6 100 events in 91 countries, despite the global pandemic and the difficulty of organizing in-person events.

As the Association continues to grow, we remain committed to our values, especially our focus on achieving the UN Sustainable Development Goals, specifically SDG 4 Quality Education, SDG 8 Decent Work and Economic Growth, SDG 9 Industry, Innovation and Infrastructure and SDG 17 Partnerships for the Goals.

2020 was a year of change that highlighted the importance of space and its growing role in the daily lives of all global citizens. Our activities continue to support hundreds of thousands of people worldwide to celebrate space, inspire youth, and increase awareness of the potential space holds for our future.

1 WSWA ACHIEVEMENTS IN 2020

This past year, the Association:

- Coordinated the global celebration of WSW 2020, which held a total of 6 583 events in 91 countries during World Space Week 2020, as reported by thousands of organizers.
- Executed the WSWA 2020 fundraising drive, with SES CEO and 2020 WSWA Honorary Chair Steve Collar, that raised a record 91 696 USD in donations.
- Appointed Ms. Lisa Callahan, Lockheed Martin Corporation VP, as Honorary Chair for 2021 and launched the WSWA 2021 fundraising campaign.
- Elected a new Board of Directors consisting of vibrant leaders of the global space sector, concluding a multi-year governance transition.
- Selected 13 new National Coordinators, bringing the total number to 89, to lead the celebration of World Space Week in their countries.
- Expanded our ongoing engagement with leaders of the world’s major space agencies.
- Grew our global partners network and renewed partnership commitments.
- Organized an awards ceremony for the largest WSWA donors at the Satellites 2020 conference in Washington D.C.



- Promoted a social media campaign for WSW 2020, which received 235 400 000 impressions on Twitter alone.

This was in addition to producing key products, such as the poster, theme, annual report, newsletters, media releases, and other communications that were provided to stakeholders.

2 WSW 2020 – SATELLITES IMPROVE LIFE

Due to the ongoing global pandemic, it was crucial that WSW 2020 was celebrated in a safe and healthy way for all participants. We encouraged the organization of virtual events, as well as the observation of satellites from people's homes.

During World Space Week 2020, a total of 6 583 events in 91 countries were reported by 2 974 organizers. Topping the list of countries with the most reported events was the Kingdom of Saudi Arabia with 1 982 events, followed closely by Pakistan with 1 868 events. Events in these two countries focused primarily on schools and were strongly supported by their governments, proving the value of World Space Week in promoting STEM education.

Ireland held a significant number of 474 events, while the number of events in long-time WSW supporter India declined. This is probably due to participants having difficulty organizing events in accordance with the guidelines set by their health authorities, a situation reported by many National Coordinators.

WSWA continued to maintain strict guidelines for event recognition in order to maintain transparency and credibility of the overall WSW celebration for all organizers.

Global trends show strong and continuous support for World Space Week, and we are expecting to see the number of events grow as the global situation improves, as well as an increase in the number of countries participating. Event numbers are growing, especially in countries where National Coordinators indicate support from their national institutions, a clear indicator of the importance of official support.

We have noted that there are still no countries from the African region in the top 10 list for 2020. We have also noted that underreporting of events is still an issue, a challenge that the Association intends to tackle in the year to come.

In 2021, we are expecting to see further growth in the number of virtual events and possibly in-person events, situation permitting.



3 OTHER ACTIVITIES

Board Meetings

In November 2020, the Association held the first Board of Directors meeting with the newly elected Board of Directors. We are grateful for the support of our Directors, professionals from the space sector. Detailed information and minutes of Board meetings can be found on the following link:

<http://www.worldspaceweek.org/organization/meetings/>

Global Presentations and Event Participation

To encourage participation in World Space Week, representatives of WSWA engaged in numerous virtual events, giving presentations, distributing annual reports and posters, and connecting with space organization leaders. Events supported in 2020 included UNCOPUOS meetings in Vienna, Austria, Satellite2020 in Washington D.C., USA, virtual Space Cafés organized by SpaceWatch.Global, and several others.

Partnerships

WSWA values its partnerships with other organizations and strives to strengthen those partnerships by working together. This year, we have formed new partnerships with Space in Africa and Escuela de Astronautas. In addition, we renewed our partnership agreements with Women in Aerospace Europe (WIA-E). WSWA collaborated with Space & Satellite Professional International (SSPI) and Satellite Industry Association (SIA) for our theme “Satellites Improve Life.”

Leveraging Social Media

Being mindful of the pandemic and the difficulties many students faced accessing their educational institutions, we made a significant effort to interact with students on our social media channels, where we shared suggestions for activities for children and their parents, as well as other educational resources. Our goal was to engage more people, increase their interest in space, have them share their stories with us, and organize virtual events during WSW, while at all times observing recommendations by the health authorities. During World Space Week, we counted 235 million individual impressions on Twitter with an average of 1200 daily tweets. We increased our reach on Facebook with an 881% increase of followers, reaching 87 146 people on the World Space Week page. Our daily stories on Instagram were seen by 400 to 1000 people each day.



These huge results indicate that a significant number of people and event organizers were engaging and sharing their events with our official hashtags #wsw2020 and #worldspaceweek. We also continued our Podcast program, which we are planning to expand further in 2021 in order to engage with even more inspirational professionals from the space sector.

5. Conclusion

Despite 2020 being a challenging year with many obstacles, WSWA continued to build strong foundations to promote growth for both the Association and WSW in the years to come. To ensure the success of World Space Week worldwide, we will continue to focus our actions on virtual activities and boost our outreach, allowing even more space enthusiasts to participate in the largest global celebration of space – World Space Week. Thank you for joining us on our journey and sharing the wonders and benefits of space around the world!



ABOUT US

World Space Week Association (WSWA) is an international non-government organization and a registered 501(c)(3) non-profit corporation in the United States. It is led by an esteemed Board of Directors comprised of volunteer global space leaders and dignitaries. Implementing the Association's programs are a volunteer executive team, small staff, and supporting volunteers.

The mission of WSWA is to strengthen the link between space and society through public education, participation, and dialogue on the future of space activities, using the UN-declared World Space Week, October 4-10 annually, as a focus.

Supported by a global coordination network, WSWA works year-round to encourage the space and education sectors to hold events during WSW. The result is the largest network of space-supporting organizations on Earth taking part in this annual event. WSWA supports these coordinators and participants with services designed to maximize the visibility and impact of World Space Week.



The Association works with educators, space industry, space agencies, and other organizations to advocate Science, Technology, Engineering, and Mathematics (STEM) education by inspiring students through WSW. WSWA encourages the use of WSW as a platform not only for STEM education but to involve the public in space programs and to encourage people around the world to express their passions for space.

One of the oldest space advocacy organizations in the world, WSWA has permanent observer status in the UN Committee on the Peaceful Uses of Outer Space (COPUOS), is a member of the International Astronautical Federation, and is supported by numerous global sponsors and partners.

World Space Week Association:

- Supports the UN in the global coordination of World Space Week;
- Expands World Space Week and its impact on education and society;
- Is volunteer-managed and funded through voluntary contributions;
- Is a non-profit, non-government organization founded in 1981;
- Takes no positions on space policy to ensure that WSW is open to all.

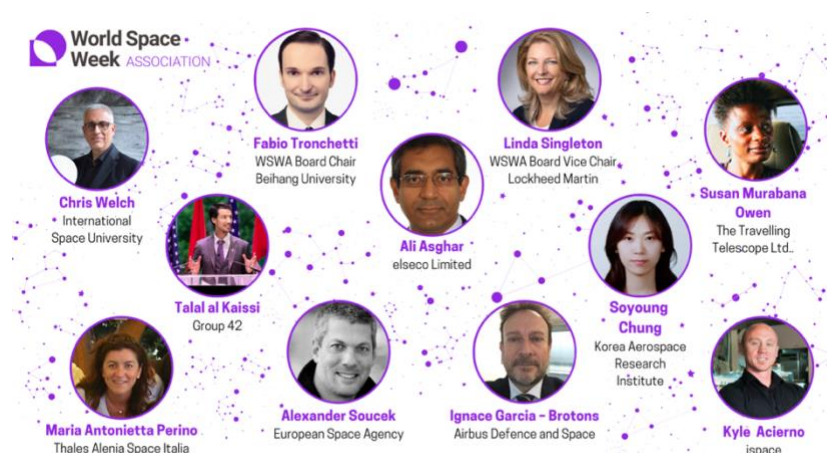


WSWA ACHIEVEMENTS

Despite 2020 being a challenging year with many obstacles, WSWA continued to build strong foundations in order to grow both internally and externally in the years to come. To ensure the success of World Space Week worldwide, we will continue to focus our actions on virtual activities and boost our outreach, allowing even more space enthusiasts to participate in the largest global celebration of space – World Space Week.

This past year, the Association:

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In November 2020, the Association held the first Board of Directors meeting with the newly elected Board of Directors. We are grateful

for the support of our Directors, professionals from the space sector. Detailed information and minutes of Board meetings can be found on the following link:

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World Space Week 2020: Join the UN satellite celebration next week

By Doris Elin Urrutia September 28, 2020

World Space Week leaders think virtual events could mean good news for turnout.



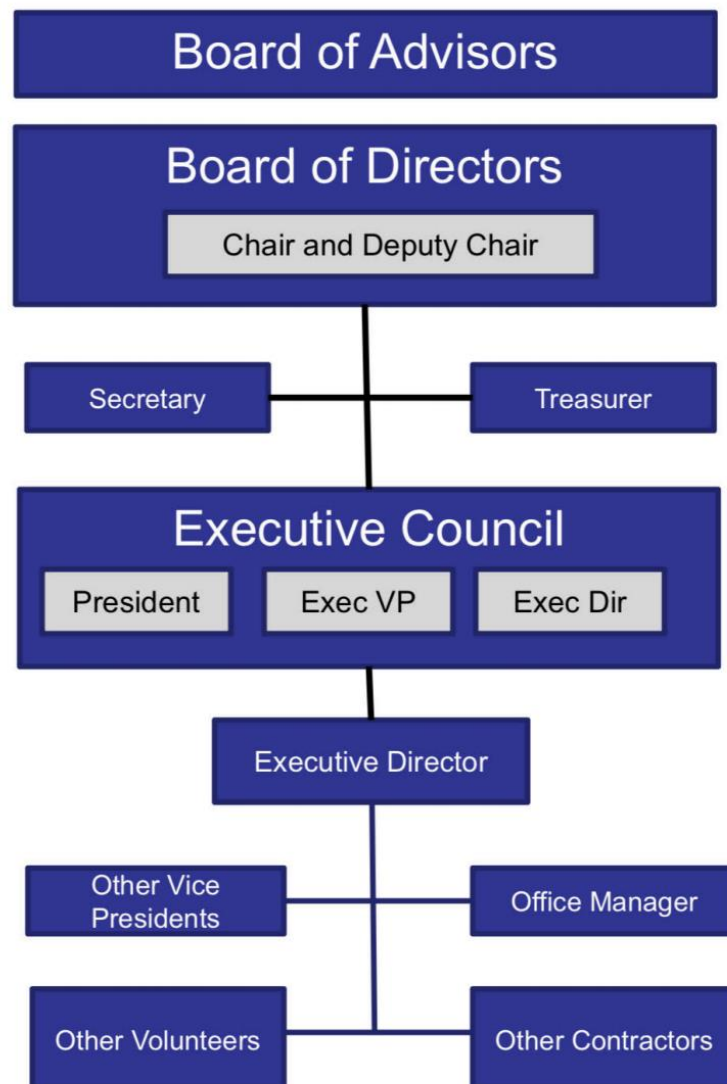
The poster for World Space Week 2020. (Image credit: World Space Week)

people on the World Space Week page. Daily, our 24h long stories on Instagram were seen by 400 up to 1000 people. Based on that information, it was evident that many people and event organizers were engaging and sharing their events with our official hashtags #wsw2020 and #worldspaceweek. We also continued our Podcast program, which we are planning to expand further in 2021 in order to engage with even more inspirational professionals from the space sector.

Being mindful of the pandemic and the difficulties many students faced accessing their educational institutions, we made a significant effort to engage with students on our social media channels, where we shared suggestions for activities for children and their parents, as well as other educational resources. Our goal was to engage more people, increase their interest in space, have them share their stories with us and organize virtual events during WSW, always observing recommendations by the health authorities. In the week of World Space Week, we counted over 235 400 000 individual impressions on twitter, with an average of 1200 daily tweets. We expanded our reach on Facebook with an 881% increase of followers, reaching 87 146

COMPLETED GOVERNANCE TRANSITION

In 2019, World Space Week Association started the process of restructuring its governance. This was completed in October 2020, with the recruitment of a smaller Board of Directors. WSWA Directors are experts, highly skilled space professionals from nine countries, leading the Association by providing direction and strategy to the Executive Council. The Executive Council develops the operational plans of the Association and consists of the President, Executive Vice President, and the Executive Director. All other VPs, Officers, Contractors, and Volunteers are managed by the Executive Director.



WORLD SPACE WEEK INTRODUCTION

What is World Space Week?

- The largest annual space event on Earth, with almost 9 000 events in 96 countries in 2019; in 2020, 91 countries celebrated WSW with over 6 100 predominantly virtual events
- Growing rapidly in size and impact
- Synchronized space education and outreach events organized by companies, space agencies, schools, planetaria and museums, astronomy, space, and other clubs and societies, and individuals



When is World Space Week?

- World Space Week is October 4-10 annually
- It was declared by the United Nations General Assembly in 1999



What are the benefits of World Space Week?

Synchronization of events provides leverage in space education and outreach in order to:

- Build the workforce of tomorrow by inspiring students;
- Educate the public about the benefits of space;
- Promote organizations that are involved in space;
- Visibly demonstrate public support for space activities.



How to become involved?

- As a **donor**. We are always looking for organizations and individuals willing to support our cause.
See <http://www.worldspaceweek.org/donors/become-donor/>
- As a **partner**. We are looking for organizations that share our vision and goals.
See <http://www.worldspaceweek.org/partners/partner-us/>
- As a **global volunteer**. We are always looking for individuals with specific skills, willing to devote some of their valuable time to World Space Week.
See <http://www.worldspaceweek.org/working-with-us/vacancies/>
- As a **national coordinator**. We are present in about half of the world's countries, but not in all of them yet. We are also seeking local coordinators to promote World Space Week in their region or city.
See <http://www.worldspaceweek.org/working-with-us/coordinator-duties/>
- As an **event organizer**. We are seeking event organizers. If you want to get involved and need further information or help, get in touch with your Local or National Coordinator.
See <http://www.worldspaceweek.org/events/how-to/>



How to organize an event?

There are no limits to what can be done to celebrate space or use space to inspire education during WSW. Audiences can be the public, students, employees, or other targeted communities. Participating organizations get leverage by being part of the largest space event in the world. On the World Space Week website, there are many examples of what can be done and what has been done in the past. More ideas are available here:

<http://www.worldspaceweek.org/events/event-ideas/>

The main criteria for a World Space Week event are:

- Events must be space-related.
- Events must begin or end during World Space Week, October 4-10.
- One audience counts as one event. For example, a school doing activities on five days counts as one event.



See all criteria and guidelines here: <http://www.worldspaceweek.org/guidelines-on-wswa-events-policy/>

Event Calendar

A vital service of the WSWA is the online calendar used by thousands of participants each year. Event holders are responsible for entering their event(s) on the calendar. This calendar also credits participants and provides global transparency to the most significant space celebration on Earth. The WSWA team keeps track of the recorded events by maintaining the calendar and ensuring the events adhere to the guidelines for event organization.

In order to achieve an accurate listing of events and the highest level of visibility for event organizers, entering event details into the calendar before the start of World Space Week is highly recommended. By doing so, event organizers will gain significantly more exposure among the public, and the events will have more impact.



2020 STATISTICS

Due to the ongoing global pandemic, it was crucial that WSW 2020 was celebrated in a safe and healthy way for all participants. We encouraged the organization of virtual events, as well as the observation of satellites from people's homes.

RANK	COUNTRY	NUMBER OF EVENTS IN 2020
1	Saudi Arabia	1 985
2	Pakistan	1 868
3	Ireland	474
4	Iran	182
5	Brazil	132
6	UK	65
7	Spain	63
7	Turkey	63
9	Romania	62
9	Croatia	55
10	India	44



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countries with the most reported events was the Kingdom of Saudi Arabia with 1 982 events, followed closely by Pakistan with 1 868 events. Events in these two countries focused primarily on schools and were strongly supported by their governments, proving the value of World Space Week in promoting STEM education.

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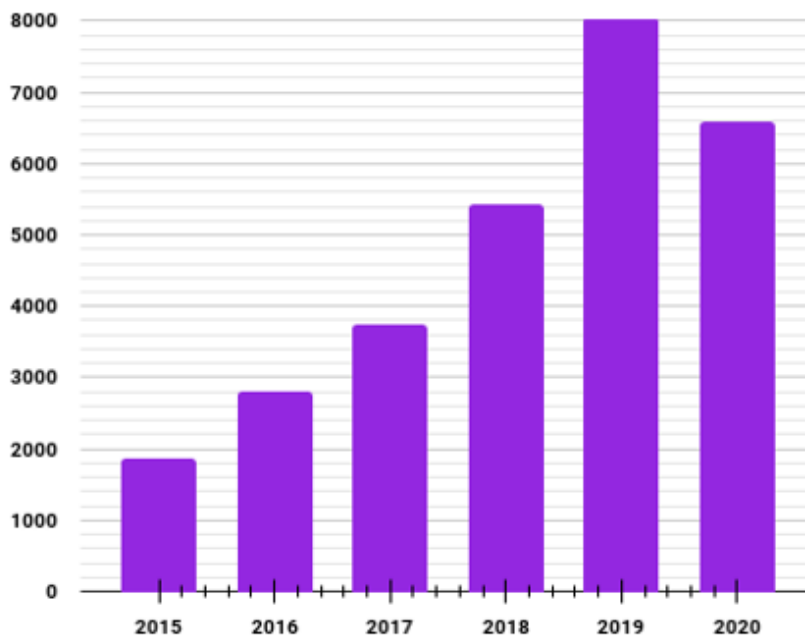


WSWA continued to maintain strict guidelines for event recognition in order to maintain transparency and credibility of the overall WSW celebration for all organizers.

Global trends show a strong and continuous support for World Space Week, and we are expecting to see the number of events grow as the global situation improves, as well as an increase in the number of countries participating. Event numbers are growing, especially in countries where National Coordinators indicate support from their national institutions, a clear indicator of the importance of official support.



Number of World Space Week Events



We have also noted that underreporting of events is still an issue, a challenge that the Association intends to tackle in the year to come.

In 2021, we are expecting to see further growth in the number of virtual events and possibly the number of in-person events, situation permitting.

GLOBAL HIGHLIGHTS

In 2020, World Space Week celebrated the wide-ranging benefits of satellites under the theme “Satellites improve life.” In a year defined by the global pandemic, participants all over the globe celebrated World Space Week in a number of exciting yet safe ways.

For years, World Space Week presented an opportunity for countries and individuals to release important space-related news and announcements, and use the leverage of synchronized events and outreach opportunities of WSW. In 2020, [Mexico and Argentina announced that they would move towards a regional space agency](#). Among the news that caught global attention was the creation of the [Space Agency for Central America and the Dominican Republic](#).



Some of the most popular, innovative, and creative events were:



- The **United Nations Office for Outer Space Affairs (UNOOSA)**, a WSWA Partner, organized a [webinar series on “Satellites to Improve Lives.”](#)
- **Expo 2020 Dubai** hosted a virtual ‘Space Week’ on October 5 – 6, 2020, in association with the UAE Space Agency.
- **NASA Kennedy Space Center** kicked off World Space Week with the North America [IMAX® Premiere of Asteroid Hunters.](#)





The Countess of Wessex today visited the National @spacecentre to mark #WorldSpaceWeek, and to see their educational programmes in action.

At the Centre - which recently reopened to visitors - HRH was joined by Helen Sharman, the first British astronaut to go into space.



6:26 PM · Oct 7, 2020

1.7K 37 Copy link to Tweet



The Countess of Wessex visited the UK National Space Center to mark World Space Week and to see their educational programs in action.

EBAN Space, ESA, and Euroquity organized a series of Virtual “Space Now” Investor Forums with the opening address by Josef Aschbacher, Director of Earth Observation Programmes at ESA, on [“Earth observation – the next frontier of space commercialization.”](#)

The **International Telecommunication Union** organized a webinar on [Non-Geostationary Satellite Systems: entering into the era of broadband service delivery](#) on October 7.

- The **International Astronomical Union & Shaw Foundation** hosted the [2020 Workshop on Astronomy for Education](#), organized by the IAU Office of Astronomy for Education, which presented an overview of education worldwide. It was a fully online, virtual experience that took place October 6 – 9, 2020.
- **Space4Women** hosted a special World Space Week online event on the topic of [Using Satellites to Improve Lives](#).
- **Space Foundation**, WSWA Partner, celebrated World Space Week with a weeklong series of virtual and in-person events under the banner “[Space Unites.](#)”
- **SpaceWatch.Global**, WSWA Media Partner, organized a special webinar on October 8 to launch “Moriba’s Vox Populi,” discussing topics relevant to space safety, security, and sustainability.



- **SpaceWatch.Global**, WSWA Media Partner, also organized a Space Café WebTalk on October 6 featuring Fahad Al Mheiri, Acting Executive Director – Space Sector United Arab Emirates Space Agency.
- **Women in Aerospace Europe** (WIA-E), WSWA Partner, invited people from around the globe to participate in the virtual events organized by their local groups throughout Europe.
- **Society for Space Education, Research and Development** (SSERD) organized a 7-day (October 4-10) [FREE Online Program](#) for students of all ages, including lectures, workshops, competitions, and hackathons.



SPOTLIGHT: FIRST WSWA SPONSOR AWARDS CEREMONY IN WASHINGTON D.C.

To thank the top sponsors of World Space Week Association, SES CEO and WSW 2020 Honorary Chair Steve Collar presented awards to industry representatives at a ceremony held during Satellite 2020 in Washington D.C. in March.

Mr. Collar presented awards to:

- Thales Alenia CEO Hervé Derrey
- United Launch Alliance CEO Tory Bruno
- Northrop Grumman Sector VP Frank DeMauro
- Lockheed Martin Director Erik Daehler
- Astrax CEO Taichi Yamazaki

Mr. Collar also recognized the Elon Musk Foundation for its support of the Association. All of these organizations contributed 10 000 USD or more to World Space Week Association's 2020 Campaign.

During his remarks at Satellite 2020, Mr. Collar pointed out that World Space Week is an opportunity to celebrate and take pride in everything we do together. World Space Week events stimulate public understanding of space activities and use space to inspire youth in STEM.



Everyone should be amazed at the potential of space, and we need to excite kids and adults around the world who are not yet part of our space community.

Lisa Callahan, Lockheed Martin VP and WSW 2021 Honorary Chair, plans to conduct a similar awards ceremony at Space Symposium in Colorado Springs in August 2021 to recognize executives who support the WSWA 2021 Campaign.



2020 THEME



More than 60 years after launching the first satellite, there is no denying that satellite technology has dramatically improved life for everyone on this planet. Indeed, one could not imagine modern civilization without satellites. The WSW 2020 theme, Satellites Improve Life, encouraged participants of WSW around the globe to learn about satellites and the many ways they improve life on Earth.

The number of Low Earth Orbit satellites is increasing. Large satellites in very high (geostationary) orbit have been used for decades to relay TV and communications signals around the world. These include satellites built by companies such as Lockheed Martin and operated by companies such as SES. Companies such as SpaceX are launching many smaller satellite constellations into LEO to provide internet and other services to underserved regions on Earth. Soon there may be thousands of such satellites in LEO, helping people

around the world connect and stimulating the economies of developing nations.

Another growing satellite application is remote sensing. There are exciting new capabilities available for observing the Earth across the electromagnetic spectrum, which will improve environmental monitoring, land use, agriculture, industry, and security.

Last but not least, the importance of satellite technology for Global Health, such as telemedicine applications, was of special significance in the pandemic of 2020.

Efforts to showcase the importance of satellites were amplified by the support and encouragement of SES and its CEO Steve Collar, the honorary chair of WSW 2020, as well as the global industry of satellite builders, launchers, operators, and users.



2021 THEME

In February 2020, the Board of Directors selected “Women in Space” as the WSW 2021 theme. The theme aims to encourage young girls and women to pursue STE(A)M-related studies and enter careers in the space sector. Studies show that only 20% of the space industry workforce consists of female workers, indicating the need for more gender inclusivity and diversity in the space sector.

In 2021, World Space Week Association will organize a series of webinars leading up to October and the celebration of World Space Week that will raise women’s profiles and showcase the accomplishments of women around the globe.

The Association recognizes the need for female role models who will inspire the next generation of young girls and students to enter the space sector. The 2021 theme of Women in Space aligns perfectly with preparations to send the first woman to the Moon. The importance of the 2021 theme and the Association’s activities is strongly supported by Lockheed Martin



Corporation, long-term sponsor of WSWA, and WSW 2021 Honorary Chair, Ms. Lisa Callahan, Lockheed Martin Vice President and General Manager of Commercial Civil Space. Ms. Callahan oversees the development of the next human lunar lander and development of the Orion spacecraft, divisions of NASA’s Artemis Program, which will return humans to the Moon and eventually take them to Mars and beyond. Her team develops and operates the human and robotic spacecraft that explore and unlock the secrets of the solar system. She also oversees the GOES weather satellites, which significantly improve the way forecasters predict severe weather and fires across the western hemisphere. Ultimately, Callahan’s team is improving life on Earth through discoveries in space, and we at WSWA are extremely proud to work with her this year.



LEADERSHIP OF THE ASSOCIATION



PRESIDENT
Dennis Stone



**EXECUTIVE VICE
PRESIDENT**
Ben Baseley-Walker



EXECUTIVE DIRECTOR
Maruška Strah

OFFICERS:

Vice President Board Relations and Secretary: **Catherine Doldirina**

Vice President Partners and Programs: **Alex Karl**

Vice President Education and Coordination: **Armengol Torres**

Treasurer: **Ben Baseley-Walker**

GLOBAL TEAM:

Administrator: **Bridget Neal**

Operations Manager: **Teja Dobnik**

Social Media Manager: **Tinkara Strah**

Webmaster: **Kara5 Agency**

Highlights Editor: **Ramasamy Venugopal**

Newsletter Editor: **Spaceleaks.com, Alfonso Bonal**

Podcast: **Haritina Mogosanu**



BOARD OF DIRECTORS



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Fabio Tronchetti
Beihang University



VICE-CHAIR
Linda Singleton
Lockheed Martin Corporation

Kyle Acierno, iSpace
Ali Asghar, Elseco
Soyoung Chung, KARI
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