



2021 BWSC VIRTUAL PROGRAM CONDITIONS FOR PARTICIPATION

1. Introduction & Welcome

The biennial Bridgestone World Solar Challenge is owned and managed by the South Australian Tourism Commission; an organisation set up by the Government of South Australia to promote tourism in South Australia.

The aim of the Bridgestone World Solar Challenge is to stimulate research into, and development of, sustainable road transport. The Bridgestone World Solar Challenge is primarily a design competition. The regulatory philosophy is to provide the parameters on which to base the design, rather than specify exactly how to build a solar car. Science and technology evolve and to encourage the most innovative ideas, event requirements also evolve.

Due to the COVID-19 Pandemic and international travel restrictions, the 2021 BWSC in its traditional format will be replaced by a Virtual Program of activities, whose details are outlined below.

2. Scope

These conditions for participation apply to the virtual program being undertaken for the Bridgestone World Solar Challenge in October 2021 in place of a standard physical event.

3. Correspondence & Time Zones

Event language is English. All correspondence and activities will be conducted in English.

General enquiries or questions regarding the event must be directed to admin@worldsolarchallenge.org

Once Teams are formally registered, correspondence must be directed to teams@worldsolarchallenge.org



All event times will be listed in Coordinated Universal Time (UTC). Participants are responsible for converting published times into their local time zone.

4. Virtual Program

The purpose of the 2021 BWSC Virtual Program is to recognise the effort and achievement of those teams who registered for the 2021 BWSC event, as well as engage and celebrate with the entirety of the global solar car community.

Program activities link to the event focus areas of innovation, technology, sustainability, awareness, and team culture.

The 2021 BWSC Virtual Program will have two main activities:

- Telemetry Challenge
- Virtual Awards

4.1. Telemetry Challenge

4.1.1. Aims

The aims of the Telemetry Challenge are:

- to enable teams with solar cars to compare their cars
- to enable the wider community to develop data analysis and visualisation techniques that may be used in future BWSC events.

4.1.2. Entry Criteria

The Telemetry Challenge is open to two types of teams:

Solar car teams, who will drive their car over a period of two days and submit telemetry data for analysis. Entry is open to any team with a solar car that meets the requirements of the cancelled 2021 BWSC event or any similar solar car event.



Analysts, being a team or individual, who will analyse telemetry data as it is replayed over two days and present their analysis.

4.1.3. Participation Requirements

4.1.3.1. Solar car teams

Each solar car team will operate one solar car. Organisations wishing to participate with more than one car must enter a separate team for each car.

Each solar car team must provide information about their team and their solar car for publication on the BWSC web site.

Each solar car team must drive their solar car for at least five hours per day on two consecutive days. The solar car may not be recharged from external sources between the start of driving on day 1 and the finish of driving on day 2. Failure to meet these requirements may result in disqualification from the event.

Each solar car team is responsible for finding a suitable venue for operating their solar car, and for the safe conduct of its solar car operation.

Each solar car team must submit telemetry data from its two days of operation, including solar charging, to the BWSC via the team portal. Telemetry data must be submitted before 22 October 2021. Submission procedures and formats will be made available to registered teams.

Telemetry data will be submitted via the BWSC Portal and must be provided on the basis of an Attribution-NonCommercial 4.0 International (CC BY-NC 4.0) licence. Attribution will be given to the registered team name.



The event telemetry data will then be ‘played back’ in a real-time simulation to registered analysis teams between 26 – 28 October for live comparison and publishing of analysis.

4.1.3.2. Analysts

Analysts may be affiliated with a solar car team, but this is not a requirement.

Each analyst must provide information about their team for publication on the BWSC web site.

Analysts will be provided with access to sample telemetry data for practice analysis between 1 October and 15 October 2021.

The BWSC will provide a section/s of the BWSC website for both registered participants and public, dedicated to analysis and commentary. Analysts may submit tables, charts, visualisations and commentary for inclusion on the BWSC website, or provide links to a site that they host themselves.

Material submitted by an analysis team for publication on the BWSC web site must be licenced using an Attribution-NonCommercial 4.0 International (CC BY-NC 4.0) licence. Attribution will be given to the registered team name.

The BWSC will publish blog posts commenting on the work of analysts. The BWSC will also invite comments on social media platforms.



4.1.4. Schedule

11:30pm Thursday 3 June 2021 UTC 9:00am Friday 4 June 2021 ACST	Registrations for Teams and Analysts open
11:30pm Thursday 29 July 2021 UTC 9:00am Friday 30 July 2021 ACST	Registrations close
11:30pm Tuesday 31 August 2021 UTC 9:00am Wednesday 1 September 2021 ACST	Team Data Submission opens
11:30pm Thursday 30 September 2021 UTC 9:00am Friday 1 October 2021 ACST	Analysts access to sample data available
10:30pm Thursday 14 October 2021 UTC 9:00am Friday 15 October 2021 ACDT	Analysts access to sample data closes.
10:30pm Thursday 21 October 2021 UTC 9:00am Friday 22 October 2021 ACDT	Team Data submission closes.
Time TBC Tuesday 26 – Thursday 28 October 2021 ACDT	Live playback and analysis

4.2. Virtual Awards

4.2.1. Aims

The Bridgestone World Solar Challenge Virtual Awards will recognise the efforts of those who had registered and were preparing to attend the 2021 event.

4.2.2. Entry Criteria

The Virtual Awards are open only to teams who registered for the 2021 event. Registrations will be assessed and approved against the 2021 BWSC Official Entry List dated 18 December 2020.

4.2.3. Participation Requirements

Details regarding awards categories, submission requirements, judging criteria and deadlines can be found in the 2021 Virtual Awards Categories



and Submissions Requirements document available on the event website - <https://www.worldsolarchallenge.org/2021-virtual-program/virtual-awards>

4.2.4. Schedule

11:30pm Thursday 3 June 2021 UTC <i>9:00am Friday 4 June 2021 ACST</i>	Registrations open
7:30am Friday 27 August 2021 UTC <i>5:00pm Friday 27 August 2021 ACST</i>	Registrations close
11:30pm Thursday 30 September 2021 UTC <i>9:00am Friday 1 October 2021 ACST</i>	Submission portal opens
6:30am Friday 15 October 2021 UTC <i>5:00pm Friday 15 October 2021 ACDT</i>	Submission portal closes
8:30pm Friday 29 October 2021 UTC <i>7:00am Saturday 30 October 2021 ACDT</i>	Virtual Awards Ceremony (live streamed)

5. Use of Event Logo and Social Media

5.1. Event Logo

The correct title of the event is the Bridgestone World Solar Challenge Virtual Program. Entrants and their sponsors must use the correct title in all references to the event.

The Official Logo of the event will be made available to registered teams through the BWSC Team Portal, along with a style guide that details its condition of use.

Registered teams and their sponsors wishing to use the Official Logo in a commercial context, or any other way not outlined in the style guide must seek the written permission of the event organiser.

5.2. Social Media

With fans and followers from all around the world, the best way for us to promote the Bridgestone World Solar Challenge is through social media.

BRIDGESTONE WORLD SOLAR CHALLENGE

DARWIN
→ADELAIDE



Registered teams are expected to reference and tag the event correctly and appropriately at all times.

The social media platforms used might depend on what is popular in your country or community.

- Instagram is best for sharing visually appealing content in the form of photos and videos. Instagram stories are fantastic for sharing frequently and engaging your followers directly.
- Twitter is best for short news updates and interacting in conversations.
- Facebook is best for news, photos, videos albums, stories and other interactions.

The Bridgestone World Solar Challenge uses our website, Facebook page, Instagram account, Twitter account and YouTube Channel to share content.

Whenever you are posting on these platforms, you should tag us so that we are notified of your post, enabling us to interact with or share your content.

FACEBOOK:

@WorldSolarChallenge

<https://www.facebook.com/WorldSolarChallenge/>

INSTAGRAM:

@worldsolarchallenge

<https://www.instagram.com/worldsolarchallenge/>

TWITTER:

@WorldSolarChlg

<https://twitter.com/WorldSolarChlg>

The hashtag you should use on all posts on social media is **#BWSC**. By adding the hashtag **#BWSC** to your post you are providing consent to the SATC to repost or otherwise share your post and/or content. Consent can be withdrawn at any stage by contacting admin@worldsolarchallenge.org.



WORLD SOLAR CHALLENGE.ORG

