

SSVI Telescopes In 2023, the organizers of the “Stars Shine For Everyone” initiative have offered some special prizes for the participants of Beamline for Schools. SSVI is, to use their own words, “An Astronomy Project for children with disabilities and underserved communities around the world”. The organizers of SSVI has donated several optical telescopes to us, that we will award to a selection of teams.

In order to win one of these telescopes we want you to propose a science education or outreach activity that the members of your team can organize in their community. Inclusiveness shall be a very important component of this activity, and the goal is to share your passion for physics with people that are less exposed to science. You could, for example, think about a creative way to introduce physics to children coming from a disadvantaged area in your environment.

If you want to be considered for winning one of these telescopes, please add an additional section of 100-200 words (in addition to the 1000 words limit of your BL4S proposal) to your submission and let us know about your idea for promoting science in an inclusive way. We encourage the winners of these awards to realize their activities and we will share the outcome on the BL4S website.

Astronomy has fascinated humans for centuries, but light pollution and busy lives can make it hard to appreciate the night sky. A program where astronomers take children to stargaze in the great outdoors could change that.

Led by knowledgeable guides, the program would teach children about the vastness of space, sharing scientific knowledge and stories passed down through generations. Adults could find peace and tranquility in reconnecting with nature, while enjoying quality time with the children.

Far from the glare of city lights, to stargaze and learn about the mysteries of the universe. They would set up telescopes and binoculars, and guide their group in identifying constellations, planets, and other celestial wonders.

The program would be accessible to anyone, with telescopes and equipment provided, and would take place in locations with the best views of the night sky. The experience would be affordable, and a chance for people to learn about astronomy, find inspiration in the mysteries of the universe, and reconnect with the beauty of the stars.

Alternative:

Effective science communication, inclusive classrooms, learning environments and outreach activities are vital for development of science and technology, and upliftment of the society. Our team members have access to several platforms and necessary resources to undertake outreach/scientific exposure initiatives which can have an impact on the lives of disadvantaged kids.

After performing the experiment at CERN, we plan to create an audio-visual demonstration of Art + Physics (an extended version of our bl4s video) to be shared with schools and science communities. We will continue scientific enrichment activities through non-profit organizations run by our team members, such as FLY (Fun Learning Youth) which strives to bridge the educational gap in younger kids. FLY has established chapters in several cities across India, and the focus is on hands-on learning as a tool for effective understanding of subjects. Recently, an astronomy seminar and hands-on telescope making session was held in Nashik, India -

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Participating in bl4s is an experience which we will cherish for our lifetime. Irrespective of the outcome of the competition, the Pied Pipers pledge to actively contribute to scientific outreach, envisioning a world where scientific ideas, education and resources are freely accessible to everyone.