

Science Club –February 2021

The December, 2020 ZOOM Science Club meeting took place 10:30 AM Tuesday December 15. It followed on from the November YouTube video of the book by Sean Carroll- “The Particle at the End of the Universe”. For the January meeting, a PPT and a very interesting video on Quantum effects by Brian Greene were both shown.

Plans for the February ZOOM meeting are being made, with a video called ‘Experiencing Hubble: Understanding the Greatest Images of the Universe’, by David Meyer being shown. The chapter reviewing the reason for Hubble and its design and fabrication will be viewed, as well as a portion of the last chapter on the plans for the Webb telescope. The Webb which is to be launched this fall, will be 7 times more sensitive than the Hubble. It is planned to launch the Webb, Oct 31, from French Guiana aboard an Ariane 5 rocket supplied by the European Space Agency. Since the Webb is to explore cosmic history during the first billion years after the Big Bang, it is designed to ‘tune’ to a different wavelength of light (radiation) than Hubble. The blue light from the infant galaxies has been stretched to invisible infrared heat radiation by the time it reaches us 13 billion years later. As opposed to the Hubble, which was serviced and repaired using replacement parts delivered by the Space Shuttle, the Webb will orbit far out in the solar region.

We are in a CRITICAL need for others to give Zoom type presentation—please contact us for help.

Also, note that Curt Koster was considering a ZOOM presentation for the June Meeting, but it was determined that his talk was not desirable in a Zoom format, and was cancelled. His talk on Navigation, in general, and his personal experiences- hopefully can be presented later in the spring.

Thank you again to everyone who has given talks previously, and we hope that additional members will be able to do so—please contact us for information and help etc.

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