

Exploring the High Energy Universe - a planetarium dome show a introducing the CTA

This is a short (10-min) full dome planetarium show which introduces the high energy universe that gamma-ray astronomy probes, and then describes the next generation telescope for the field –the Cherenkov Telescope Array.

This show was written and produced at the Armagh Observatory and Planetarium (AOP) during the lockdown and is designed for the public. It has yet to be shown in our Dome, however, as we are still closed due to Covid.

This presentation will be a flat-screen projection of the full dome show, which results in a circular field of view with the principal subject matter in the lower portion of the field. Of course this lacks the full immersive experience of being under the dome, nevertheless the story can still be told.

Once lockdown is over and we are able to play the show in our dome in Armagh we will publicly (and freely) release it worldwide via the Digistar cloud, so that it may be played in any Digistar planetarium.

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