

Dark Matter Music

January 21 2008

School of Physics and Astronomy Professor Prisca Cushman has created a Youtube video of the Dark Matter Music Box which uses data from the Cryogenic Dark Matter Search (CDMS) and converts them into sound and light.

The Music Box was the creation of musician, Karl Ramberg, who was looking for novel ways to create new music. Physicists at CDMS, located in the Soudan Mine in Northern Minnesota, created a model of the detector towers which plays musical translations of the various types of particles, their location in the detector and their energy.

Cushman has made a proposal to the Science Museum of Minnesota to create a Dark Matter Music Box display for the museum which will allow visitors to play the music box in real time using the most recent data collected by CDMS. Cushman is also one of the current Scientists on the Spot on the Museum's web site dev.smm.org/buzz/museum/ask

More information at www.youtube.com/watch?v=vilx7R...lups&feature=related

Source: University of Minnesota

Citation: Dark Matter Music (2008, January 21) retrieved 10 April 2024 from <https://phys.org/news/2008-01-dark-music.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.