JEFF TALMAN

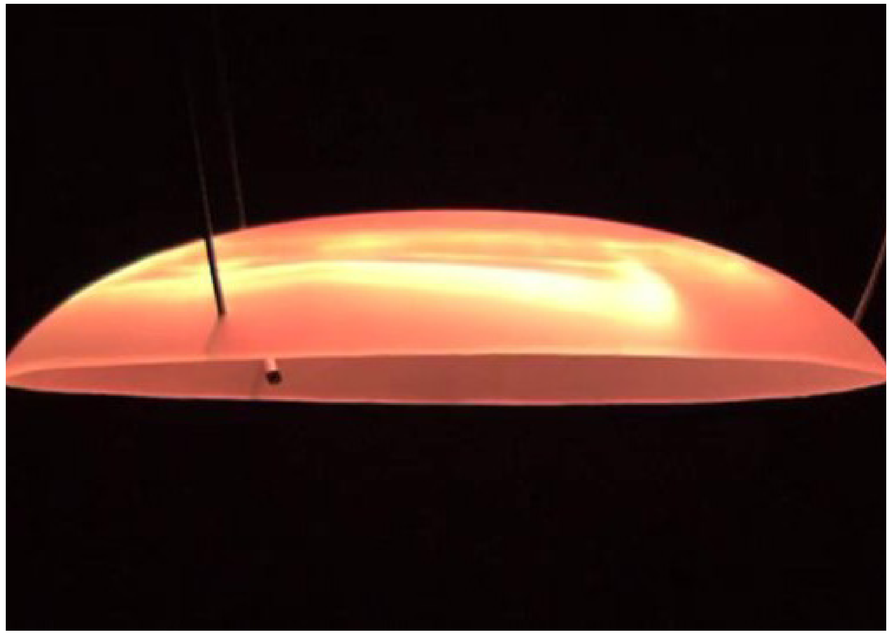
Jeff Talman is a contemporary artist born in 1954 in Greensburg, Pennsylvania. He works in a variety of media including sound, light, video installation, sculpture, graphics, and photography. The artist is known for his immersive sound installations, where he explores the relationship between sound, space, and the human experience, often using resonant frequencies to create a sense of awe and wonder.

Some of Talman's most notable sound installations include:

- Vanishing Point 1.1 (1999) presented at St. Paul's Chapel at Columbia University
- Nature of the Night Sky (2014) presented in the Bavarian Forest
- Moments from the Sun (2015) presented at the Rothko Chapel in Houston
- Of Sound Before the Stars (2018) presented at the Mt. Wilson Observatory in LA

SILICAPHONICS–14

The video/sound installation explores the material nuances of silicon and glass as it integrates their solid, molten, ethereal, and virtual states as art.
The installation consists of a series of ceiling lights that project video images of molten glass ontoriginates from various conditions of the element silicon includ–ing sand, solid and molten glass—as captured on video at a luminous 2,400^{0} F—and as electronics in the silicon chips that make computing possible. Silicon is further portrayed by a sound field developed from the resonant sounds of a suspended form that also serves as the surface to recieve video images.



https://vimeo.com/78559179

UNDER THE SOUND UNDER...

is a sound installation that was exhibited in the Saint Lawrence Church in Klatovy, Czech Republic, in 2007. Twenty loudspeakers placed at different heights in the space stratify the sound so that it can be heard at distinct altitudes of the space when there are no other sounds present. The sound of the church was amplified and filtered, creating a subtle and ever-changing soundscape. The listener was immersed in the sound of the church's silence.

https://vimeo.com/78562525

SOUND MASS

In another installation, called “Sound Mass,” Talman recorded the room tone of the Cologne Cathedral. Room tone is the ambient sound of a space when there are no other sounds present. Talman then used this recording to create a sound installation that filled the gallery space with the sound of the cathedral’s silence.

– ”Silence is not the absence of sound. It is the presence of everything.”
– “Silence is a space where we can hear ourselves think.”
– “Silence is a doorway to the mystery of existence.”

No video found

UNDER THE SUN

The Sun as any other star has thousand of different sound waves bouncing around inside it at any given momonet, which cannot be heard with our ears. Jeff Talman colloborated with Dr. Daniel Huber, astrophysicist to create this immersive piece of art, which was presented at St. Peter's Church in New York City in 2018, and featured modeled recordings of the sun's sounds that were scaled to the range of human hearing and the acoustic signature of the church. The site's
inherent acoustic properties become the framework for a quasi–symphonic sound field composition as the building becomes a giant tuned instrument reverberating with the sound of the sun.

https://www.youtube.com/watch?v=eKEh8wMkVQc

NATURE OF THE NIGHT SKY

Nature of the Night Sky, features the sounds of stellar resonance as its sole sound source. Composed of star sounds modeled by astrophysicist collaborator Daniel Huber, Sydney Institute for Astronomy, Talman's 50–minute work was first introduced as an installation in the Bavarian Forest, Germany.

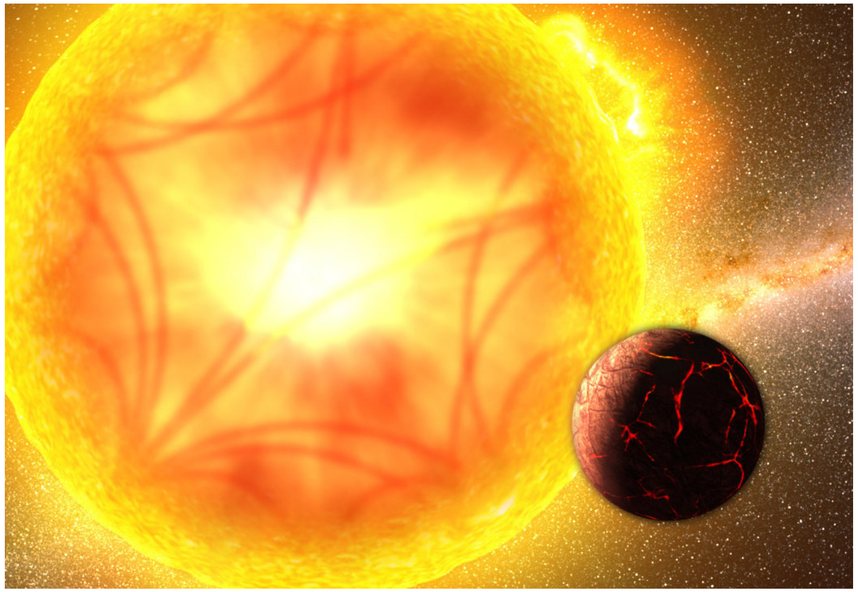
Like musical instruments, larger stars tend to oscillate at low frequencies while smaller stars oscillate at higher frequencies. The sounds in this project are all based on astronomical observations of star oscillation. Star sound data were scaled by a constant factor of one million to bring sounds into the range of human hearing. Sounds of fifteen stars were used in the project.

http://www.classicalmusicsentinel.com/KEEP/keep–talman.html

IN YOUR STARS

Jeff Talman became a member of the Kepler Mission run by NASA on 2013–2014.

Stellar vibrations have been detected by telescopes in space and on the ground. The non–NASA audio composition “In Your Stars,” by Jeff Talman and astrophysicist Dan Huber, incorporates data from several different telescope sources.



https://exoplanets.nasa.gov/news/1516/symphony–of–stars–the–science–of–stellar–sound–waves/

THANK YOU ...