FC7.

FUTURE CITIES SEVEN
Atmospheres

An AVATAR Conference [Advanced Virtual and Technological Architecture Research]
Friday 13th April 2018, 10.30am - 5pm Exhibition Opening & Drinks
The Tesla Blackstone Lecture Theatre [LT 0003], 10 Stockwell Street, Greenwich, London SE10 9BD

SHARON-MICHI KUSUNOKI
Surrealism and the Arts

MARK MORRIS
Architectural Association

NEIL SPILLER
University of Greenwich

ALISON FISHER
University of Greenwich

NIC CLEAR
University of Huddersfield

JOSE ALFREDO RAMIREZ
Grundliah / Architectural Association

[&...]

Future Cities 7: Atmospheres
Exhibition
13th April - 26th April 2018
Tues - Fri 11am - 5pm
Saturdays 11am - 4pm

3

UNIVERSITY OF GREENWICH
The Stephen Lawrence Gallery
10 Stockwell Street
Greenwich
London SE10 9BD

www.greenwichmuseums.co.uk
FUTURE CITIES SEVEN

Schedule

James.
Architect of the Surgical

10.30 - 10.45  INTRODUCTION
10.45 - 11.30  SHARON-MICHI KUSUNOKI
11.30 - 12.15  MARK MORRIS
12.15 - 13.00  NEIL SPILLER
13.00 - 14.15  LUNCH
14.15 - 15.00  ALISON FISHER
15.00 - 15.45  NIC CLEAR
15.45 - 16.30  JOSE ALFREDO RAMIREZ
17.00 - 20.00  FC7 EXHIBITION OPENING
Nic Clear

House CP1919
[HfIC]
Dance, dance, dance to the radio
- Transmission, Joy Division (1979)

In 1967 Jocelyn Bell, an astrophysics research student at Cambridge, was looking at quasars using a radio telescope when she discovered a signal of regular radio patterns. Initially unable to account for these patterns, researchers jokingly dubbed them 'Little Green Men', as if they were evidence of alien life. Further analysis showed that they were the signature of a collapsed star rotating at high velocity. These were given the name Pulsating Star or Pulsar, and the object discovered by Bell was named CP 1919.

The creation of a pulsar is usually preceded by a supernova. This is the final enormous explosion of a massive star's life, during which it expands rapidly and then collapses under the forces of its own gravity. The energy emanating from Pulsars is directional, like that of a lighthouse, and like a lighthouse, pulsars are extraordinarily useful as celestial navigation tools for astronomers. The signals we pick up are the ghost of something long dead; the last vestiges of a stellar body that shone with a great intensity, burning brightly only to explode and then collapse, emitting regular high energy waves before it dies completely.

An image showing 50 stacked radio frequency plots produced at the Arecibo Observatory of CP 1919 was used as the cover artwork for Joy Division's 1979 debut album Unknown Pleasures. Shortly after the release of the album their lead singer Ian Curtis committed suicide; however the legacy of Joy Division lives on. CP1919 has a period of 1.3 pulses per second - or 45rpm.