some structures invisible to the naked eye (with forms that are alike but across different scales)

(no audio necessary as you cannot hear in the vacuum of space)
WHAT BECAME OF THE PEOPLE WE USED TO BE?

TULCA 2012. NOVEMBER 9 - 23 2012
CURATED BY GREGORY MCCARTNEY
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Secret Satellites
Talks & Screenings

Artist's talk: Joanna Griffin
Friday 18 March, 6pm

Film and installation artist, Joanna Griffin has been researching satellites for some years, investigating the historical, economic and technological factors that have sustained the satellite as an elite, power-based technology controlled largely by a few nations, notably the United States and former Soviet Union, and closed institutions such as the military, scientific research centres and governments. Griffin has collaborated with scientists at Space Science Lab, UC Berkeley and the Mullard Space Science Laboratory (the UK's largest university-based space science research group) and developed numerous projects around space research.

http://www.aconnectiontoaremoteplace.net/

On 5 March, Joanna Griffin facilitated an open-ended, public workshop as her contribution to Secret Satellites. The workshop set out to 'talk/make/think' through our connections to satellites, and the process involved constructing paper and card models based on a variety of concepts.

Opening of Secret Satellites exhibition
Friday 18 March, 7-9pm

In conversation: Aisling O'Beirn and Professor Mark Bailey, Director, Armagh Observatory
Tuesday 12 April, 3pm

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Recent work by Belfast-based artist Aisling O'Beirn examines the politics of space from the perspective of a lay enthusiast. Her new work, Some Structures Invisible to the Naked Eye takes the form of an animation and wall drawings. The work represents an attempt to understand (visually) some of contemporary physics' more quirky and abstract theories relating to space and the problem of representing huge distances, scales and time frames when discussing the formation or evolution of structures in the universe. This new work has been developed in dialogue with astronomers at Armagh Observatory.

http://www.aislingobeirn.com/

Mark Bailey, Director of the Armagh Observatory, is Honorary Professor at Queen's University Belfast and a former Vice-President of the Royal Astronomical Society. His work includes the first paper to describe a new method to detect small solar-system objects at large heliocentric distances, and early work on the inflow of stellar mass loss in galaxies ultimately to fuel nuclear activity. In recent years his research has focused on areas closer to home: the dynamical evolution of comets, asteroids and meteoroid streams, and aspects of the comet and asteroid impact hazard. The asteroid (4050), discovered in 1976 by C.-I. Lagerkvist, was named "Wealby" in March 1990 for his work on the dynamics and origin of comets.

Film screening: For All Mankind (1989)
Director Al Reinert
Thursday 21 April, 6pm

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Director Al Reinert
Thursday 21 April, 6pm

During the Apollo lunar missions from 1968 to 1972, those onboard were given 16mm cameras and told to film anything and everything they could, in space, in orbit, and on the surface of the moon itself. NASA was at the cutting edge of video camera technology during the Apollo missions and customized various types of cameras to capture the footage. Two decades later, filmmaker Al Reinert went into the NASA vaults to create this extraordinary compendium of their journeys and experiences. Assembled from hundreds of hours of the astronauts’ own footage, with a soundtrack made up of their memories and a specially composed score by Brian Eno, the film takes the form of one journey to the moon and back again, building with elegant simplicity and exquisite construction to create an overpowering vision of human endeavour and experience.