

## VIDEO DOME

**A unique exhibition in a portable inflatable dome**



Portable Dome

### EXHIBITION DETAILS

#### ORGANISING INSTITUTION

Collaboration between  
The Planetarium, Scitech Discovery Centre;  
Paul Bourke, Senior Visualisation Research  
Fellow at Western Australian Supercomputer  
Program, University of Western Australia,  
David Carson, new media artist

#### ARTIST

David Carson

#### CATEGORY

A, B, C

#### MEDIUM

dvd videos

#### INSTALLATION

Portable Dome and projection system  
Inflated 3 metres (h) x 6 metres (approx)

Number of video projection

#### COST SHARE

To be advised

#### DOCUMENTATION

Poster/catalogue  
Invitations for overprinting  
Media kit with press release  
and digital images

#### EDUCATION

Education Packages (includes teachers' notes,  
brochure, activity sheet)  
Didactic panels  
Lectures and floor talks upon request  
David will be available for floortalks and  
education programs as part of the tour of  
**Video Dome**

#### CRATES

Up to 3 crates, approx 2.5 cubic metres

#### TOUR DURATION

September 2008 - March 2011  
Available WA and interstate

The VideoDome explores the boundaries between science and art with works inspired by astronomical and other physical phenomena.

The exhibition consists of a program of projected video works on the inside of a six metre wide inflatable dome, starting with paintedSKY, first shown at Scitech in September 2007 as part of the BEAP Festival of Electronic art in Perth.\*

Other video works to be shown are either specifically designed for full dome type projection or art works with a connection to the astronomical theme. Paul Bourke will be providing several works for full dome projections, including his amazing four dimensional sculptures. Pete Wheeler at Horizon The Planetarium will showcase astronomical phenomena, which adds to the educational value of the exhibition and can be part of a public program package, which includes science as well as art.

This exhibition is a unique opportunity to see the creative possibilities offered by experiencing phenomena filtered through both the sensibilities of artists and scientists, working separately and together. The works in the Video Dome are seen in a specially designed portable exhibition space where light and sound aspects of the works can be fully utilised. The dome projection creates a fully immersive environment, which is a whole new way of experiencing projected movies and surround-sound. This exhibition pushes the boundaries of what is normally the prerogative of planetariums and science museums.

The VideoDome installation is a collaboration between Pete Wheeler, the manager of Horizon, the Planetarium at Scitech, Paul Bourke, Senior Visualisation Research Fellow at WASP (Western Australian Supercomputer Program) at UWA and new media artist David Carson.

\* The origins of this exhibition go back to David Carson working as part of a team of artists undertaking a residency at the Sodankyla Geomagnetic Observatory in Northern Finland. This project was funded by NESTA (The National Endowment of Science, Technology and the Arts UK). It resulted in the world's first successful recording of the Aurora Borealis in stereoscopic 3D. The project involved making the 3D video recording of the Aurora by placing groups of cameras ten miles apart on frozen lakes in the Arctic winter. The project was undertaken in -40C temperatures 200k north of the Arctic Circle.



David Carson at Sodankyla Geomagnetic Observatory, Northern Finland

**About the artist**

**David Carson**, artist and independent curator - trained as a fine artist at Canterbury College of Art in the UK, moving to Australia in 1995. Since then he has collaborated with Kalgoorlie Consolidated Gold Mines, Landcare Vision Incorporated, JumboVision International and Scitech. David recently completed a two-year residency at the Centre for Living and Electronic Arts Research at the Innovation Centre in Bentley. In September 2007 paintedSKY opened at the Horizon Planetarium in Perth, Western Australia. It was a multi-media event involving 3D computer projections of the Aurora with paintings and digital photography, David worked with videographer Brian McClave (UK), electronic musician George Millward (USA) and Thomas Ulich (Finland), geophysicist at Sodankylä Geophysical





