

# HALL of MIRRORS

GAILEARAÍ CHATHAIR LUIMNIGH



Carnegie Building, Pery Square, Limerick

## 23 August

## 5 October

### CLEARY + CONNOLLY

*In collaboration with*

CLARITY: Centre for Sensor Web Technologies  
& Laboratoire Psychologie de la Perception,  
Université Paris Descartes & CNRS

Curated by Vincent O'Shea

*"... beautiful, intelligent and fun"  
Cristin Leach Hughes, Sunday  
Times, 17 June 2012*

Using over 50 electronic devices including **kinect cameras**, **video-stereoscopes** and **perception-headsets**, the exhibition strives to awaken the public to the complex and beautiful processes that are involved in seeing. This Limerick exhibition, produced with the support of the Arts Council for Dublin City of Science 2012, is part of a critically acclaimed tour, lasting until January 2013.

For over two years Paris based artists Cleary & Connolly worked closely with scientists at **CLARITY : Centre for Sensor Web Technologies** and **l'Université Paris Descartes** on the production of this exhibition, a highly aesthetic and informative trip through the **realm of vision**. A series of immersive artworks each explore a phenomenon of vision:

**Binocular vision, perceptive adaptation, retinal afterimage, trichromatic vision and biological motion perception.**

Referencing the traditional fairground "**Hall of Mirrors**", many of the artworks focus the viewer on their own image, using interactive new media techniques to transform the image with regard to a given phenomenon. Other works use video and photographic sequences, or constructed props such **headsets** and "**videoscopes**" to present the experience.

Thus a visitor becomes "**dot man**" in a universe of spinning dot figures inspired by Gunnar Johansson's experiments in **Biological Motion**, (1973). A "**binocular vision**" **cube** plays with your eyes, and futuristic headsets can be tried on, reenacting George Stratton's experiments in **perceptive adaptation**.

For Limerick the exhibition features a very exciting new video installation. **Real Time Rolling Shutter**, resulting from an internship at CLARITY this summer, captures and expresses movement in time in a graphic manner, similar to the slit scan techniques used in photography and in post production for '70's TV series such as Doctor Who. This has not been done live before for exhibition.

The exhibition also features the work of final year students from Mary Immaculate College, Limerick who have used the Cleary & Connolly exhibition as a springboard for developing **innovative art workshops** for children, which will run throughout the duration of the exhibition.

We would like to acknowledge the support of the following organisations in making this exhibition possible.

The Office of Public Works.

The Railway Procurement Agency.

Mayo County Council.

Castlebar Town Council.

Kerry County Council.

Department of Environment, Heritage and local Government.

Saint Josephs Secondary School, Castlebar.

Ardfert Central National School.

Mary Immaculate College, University of Limerick.

Kirby Group Engineering Ltd.

Limerick City Gallery of Art.

Castlebar Neighbourhood Youth Project, Foróige.

The residents of Tower Hotel, Clondalkin.

Members of the Tower Sewing Club.

Special thanks to

Prof. Patrick Cavanagh, Dr Sally Duensing, Prof. Noel O'Connor, Dr Bridget Kelly, Prof. Pascal Mamassion, Prof. Kevin O'Regan, Dr Philip Kelly, Dr David Monaghan, Prof. Stuart Anstis, Conor Michael Gallagher, Daniel J. Finnegan, Deirdre Sheridan, Dr Aoibheann Bird, Cindy Cummings, Fiona Delaney, Wayne Frost, Niamh Clarke, Dr Pippa Little, Donna McGreevy, Prof. Peadar Cremin, Neil Mckenzie, Cólín Rush, Greg Keeley, Helen Carey, Sharon Doyle, Mary Heffernan, Jurga Rakauskait, Anne Marie Morrin, Tanya Power, Niall Quinn, Eamonn Mitchell, Fiona Quill, Aoibheann McCarthy.

And

Aideen Barry, Lucy Branczik, Trish Bunyan, Eileen Casey, Jota Castro, Gaye Cleary, Michael and Julie Cleary, Aidan and Ena Cleary, Tom & Jo Corrigan, Isabella Connolly, Carolyn Connolly, Salamambo Connolly, Lotti Connolly, Tom and Josephine Corrigan, Donall Curtin, Cathy Dalton, Aideen Darcy, Fiona Delaney, Polly Devlin, Renoult & Dinahbird, Mareta Doyle, Mike Fitzpatrick, Aoife Giles, Helena Gorey, Ali Grehan, Anita Groener, BairbreAnn Harkin, Susie Hemsworth, Anthony Hobbs, Joanna Hopkins, Fiona Kearney, Trevor Knight, Vanessa Marsh, John and Marie-Laure Marsh, Patrick and Melen McBride, Evelyn McCabe, Cuala McGann and Olivier Bauduin, Ken McGuire, Hugh McGuire, Martin McNicholl, Aoibheann McCarthy, Margaret Moran and Denis Byrne, Fiona Mulholland, Jo Neylin, Nora Norton, Serena Nuttall and Tony Price, Kathy O' Leary, Dr Sandra O'Connell, Marie O'Mahony, John O'Regan, Louise O'Reilly, Philippe O'Sullivan, Anna O'Sullivan, Maeve O'Sullivan, Jean and Derry O'Sullivan, Constanze O'Toole, Niamh O'Malley, Sheila Pratschke, SJ RIPO, Jenny Roebuck, Cólín Rush, Gaynor Seville, Killian, Siorcha and Aoife Willis Cleary, Shane Wims.

Our thanks too to the anonymous benefactors who supported this project.



A recent addition to the Hall of Mirrors exhibition is a smartphone app (available for android phones) exploring visual perception and including several functions treating live video.

You can download the app from Google Play using the QR code here: