

A decorative background pattern of orange circuit board traces and nodes on a dark red gradient background.


National University of Ireland, Galway
Ollscoil na hÉireann, Gaillimh

IMAGINE THUNDER

JENNIFER O'CONNOR
NATIONAL UNIVERSITY OF IRELAND, GALWAY

TIE'17 PRESENTATION 10/9/17

A decorative background pattern of orange circuit board traces and nodes on a dark red gradient background.


National University of Ireland, Galway
Ollscoil na hÉireann, Gaillimh

KEYWORDS

- Virtual reality
- Haptics
- Eye-tracking
- Head-tracking
- Human-Technology Interaction (HTI)
- Mental illness

TIE'17 PRESENTATION 10/9/17



SUMMARY & STORY INSPIRATION

Imagine Thunder captures a child's world.

The classic reader's escapism.

Henry's fear of institutionalism.

The willingness to recover is an integral part of recovery.

Contrasting numbness against vivid imagination.

A generation of story-immersed children.

TIE'17 PRESENTATION 10/9/17



DEVELOPMENT IN VIRTUAL REALITY AND MENTAL ILLNESS

- Depression is not commonly explored in virtual reality.
- Primarily used for paranoia and schizophrenia.
- Used to stall precursory ideation.
- Closest version to Henry's experiences is suicidal ideation.
- VR is used as stress relief particularly for military personnel.

TIE'17 PRESENTATION 10/9/17



THE 'DOME'

Hypothetical 'Dome' encased in wires, dependent on delicate hormone balance.

Involves the fantasy world the mind most recently visits.

Drop in serotonin results in automatic removal.

Limited time spend in the simulation.

Use of eye-tracking, head-tracking and haptics.

TIE'17 PRESENTATION 10/9/17



'RE-EMOTION'

- Theory of 're-emotion' as a recovery method from depression.
- Works through activity, more than talking therapy or ideally the two in conjunction with each other.
- Experiences which make another's life better and in turn aid your own.
- Patients with depression often describe a sensation of numbness.
- 'Re-emotion' breaks numbness through activity along with other methods.

TIE'17 PRESENTATION 10/9/17



WRITER'S PERSPECTIVE

Widened point-of-view of a child's mind.

Short story, more similar to flash fiction.

Dual stories, newly popular method of story-telling.

Part one, part two, circle back to united conclusion.

Possible new method of SFP story-telling.

Less clear boundaries between the technical and the fantastical.

TIE'17 PRESENTATION 10/9/17

THANK YOU FOR GIVING ME THE
OPPORTUNITY TO SHARE MY WORK
AND IDEAS.



TIE'17 PRESENTATION 10/9/17