

# From Walls to Windows

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## What is a Wall?

... They've got a wall in China  
It's a thousand miles long  
To keep out the foreigners  
They made it strong  
And I've got a wall around me  
That you can't even see  
It took a little time to get next to me...

*Annie Lennox, Medusa*

## Physics

Insight 1: Cannot know the present  
Quantum Mechanics (Heisenberg 1925)

Insight 2: Cannot predict the future  
Complexity Theory (Conway 1970, May 1976)



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## Data

1970's: Connecting Transistors

1980's Connecting Computers

1990's Connecting Pages

2000's Connecting People

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1993

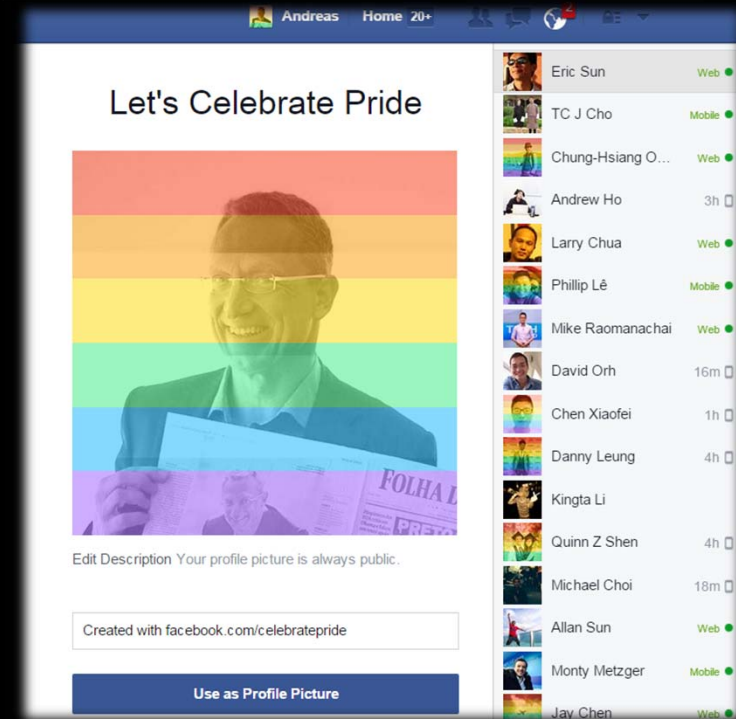


“On the Internet, nobody knows you’re a dog”

2015



“On the Internet, **everybody** knows you’re a dog”



The screenshot shows a Facebook profile page for 'Let's Celebrate Pride'. The profile picture is a man's face with a rainbow color overlay. The page title is 'Let's Celebrate Pride'. Below the profile picture, there is a description: 'Edit Description Your profile picture is always public.' and a text box containing 'Created with facebook.com/celebratepride'. A blue button labeled 'Use as Profile Picture' is visible. To the right, a list of friends is shown with their names, profile pictures, and online status (e.g., 'Web', 'Mobile', '3h').

# Experiment

[fb.com/celebratepride](https://fb.com/celebratepride)

# Data

1970's: Connecting Transistors  
1980's: Connecting Computers  
1990's: Connecting Pages  
2000's: Connecting People  
2010's: Connecting Data

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## Examples

- Buy
- Pay
- Work
- Health
- Learn

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Individual

Business

Government

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Thank you

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## Jury Members

- Maryline Fiaschi , Bruxelles
- Jürgen Fohrmann, Bonn
- Fritz Ohler, Wien
- Andreas Weigend, San Francisco



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