

WORLD DOMINATION

by Aska 2017

This is Mia Arbend, a politician motivated by just three things: money, power and more money.

Lately things have not been going to plan for Mia. Her scheme to log a National Park for profit has met with public opposition.



This is Prof. Kiara Burnheart, a nano and neuro-scientist without equal. Brilliant but unemployed.

She has an offer she thinks may interest Mia. And she'll happily share it if Mia keeps buying the drinks..



Imagine this olive is a quantum particle.

Before I measure its location again, it exists in all places AT ONCE,

with some probability.

The description of the probability of the olive in different locations is called its wavefunction.



Yes... and?

I believe if we feed such a wavefunction into a brain's neuro-network, it could be possible to make the brain's owner essentially appear in all places at once.

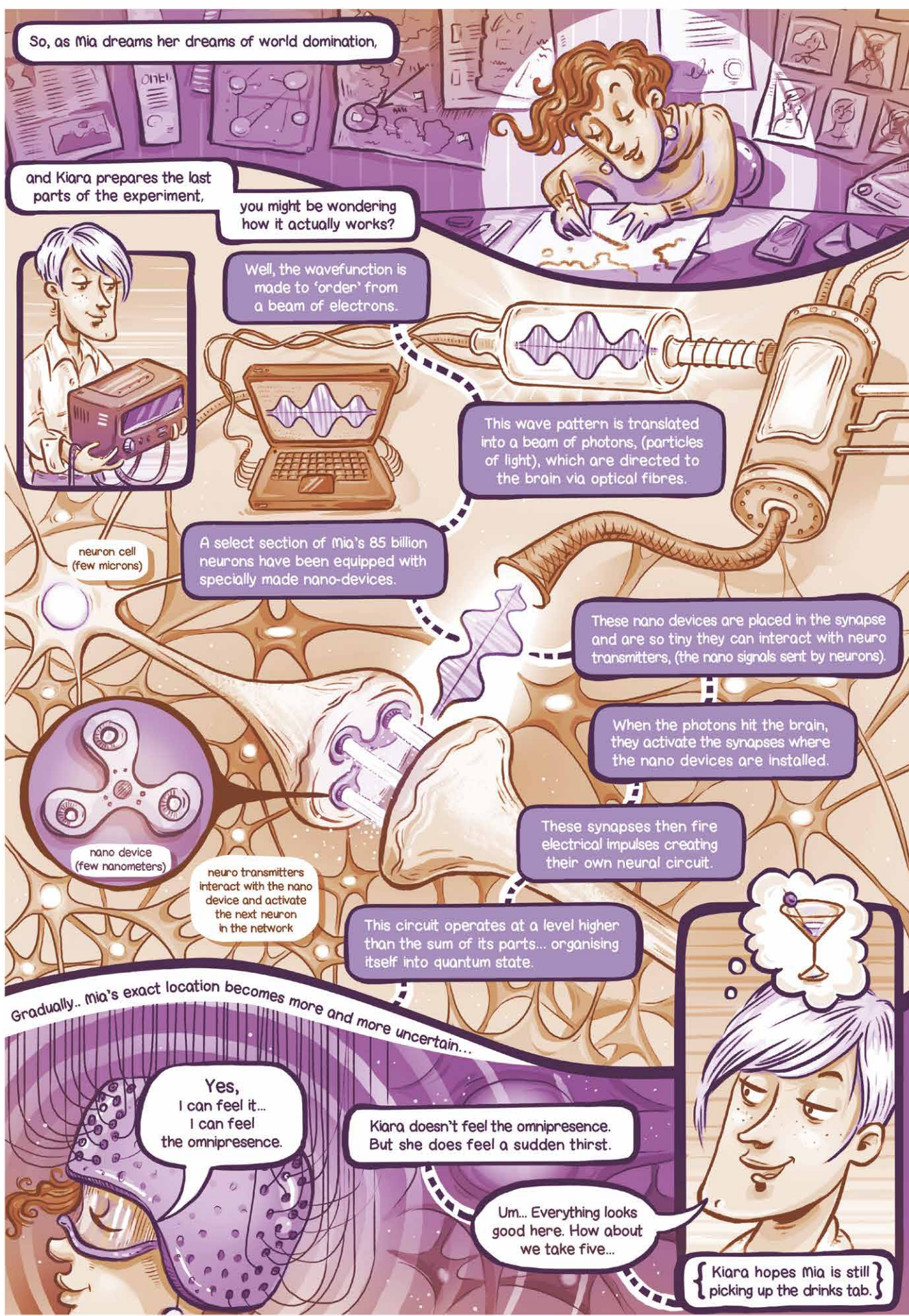
Wait... What?!

As in... omnipresent?!

Yes. A superpower of sorts.

I'm starting tests on rats next week...





So, as Mia dreams her dreams of world domination,

and Kiara prepares the last parts of the experiment,

you might be wondering how it actually works?

Well, the wavefunction is made to 'order' from a beam of electrons.

This wave pattern is translated into a beam of photons, (particles of light), which are directed to the brain via optical fibres.

A select section of Mia's 85 billion neurons have been equipped with specially made nano-devices.

These nano devices are placed in the synapse and are so tiny they can interact with neuro transmitters, (the nano signals sent by neurons).

When the photons hit the brain, they activate the synapses where the nano devices are installed.

These synapses then fire electrical impulses creating their own neural circuit.

This circuit operates at a level higher than the sum of its parts... organising itself into quantum state.

Gradually.. Mia's exact location becomes more and more uncertain...

Yes, I can feel it... I can feel the omnipresence.

Kiara doesn't feel the omnipresence. But she does feel a sudden thirst.

Um... Everything looks good here. How about we take five...

{ Kiara hopes Mia is still picking up the drinks tab. }



Mia is returned from all of the possible places in the world...
 ...to here. To this one... particular... location.



Inspired by Nanotools for Neuroscience and brain Activity Mapping, A. Paul Alivisatos et al. (2013), ACS Nano, VOL.7 No. 3, 1850-1866