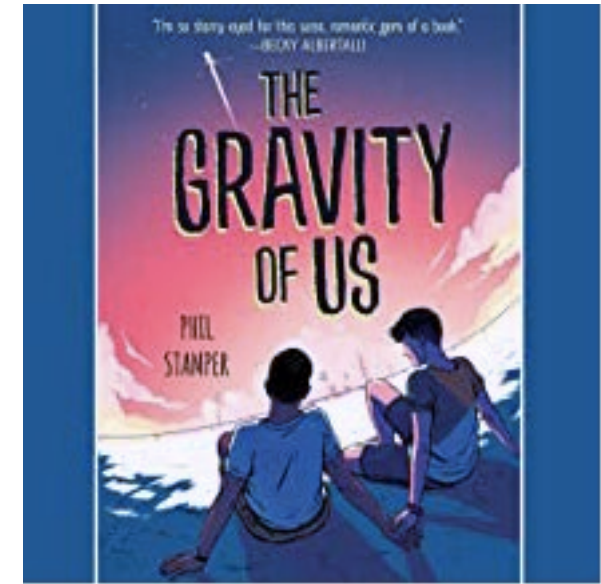



The BIGREAD
The Gravity of Us
Space



Dr. Pauline Parker
Director MBA & Executive Education
portfolio

P.Parker@Kingston.ac.uk



Space – WHY?

“This digital platform in the sky is really going to disrupt virtually every industry. What we are now seeing is a wave of interest from companies and corporates that traditionally would have no interest in space.” (Mark Boggett, MD venture capital firm Seraphim Capital 8/22.)

Do you agree?

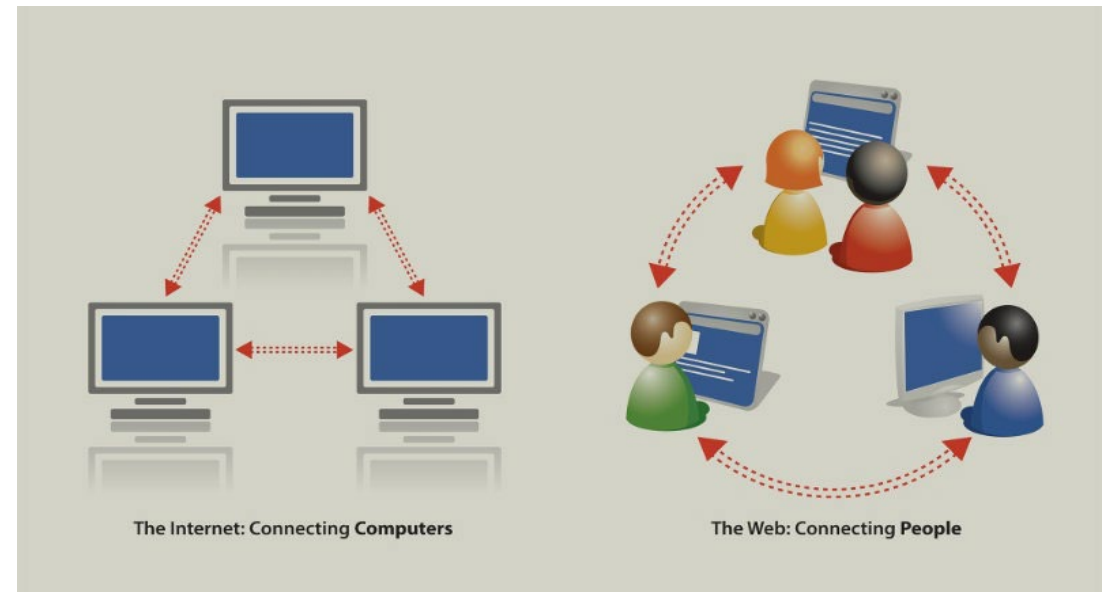


Platforms

- Look at the development of the Internet and the WWW...

Disruptive Tech

- In 2000 could we predict Airbnb? an Idea in 2007
- Or Uber in 2008?
- Influencers
- World changing... Cloud, Blockchain.. 3Dprinters, code driving your car



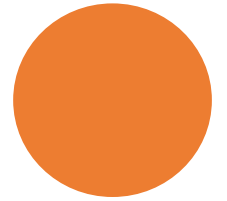
How will the internet impact me?



We know about GPS

- Example: What3Words

Collaboration between an
Event Organiser,
Mathematician, Linguist



Street addresses don't always point to precise locations



What else?...

Peter Platzer CEO of Spire Global...
“95% trade happens on the ocean”

We need to learn the language -
‘transportation’, cars, ships, planes

‘Satellites’ e.g.:

- Talking satellites
- Looking satellites
- Listening satellites (Spire)

The Platform is coming together

- Price per kilo reducing
- Satellites smaller cheaper
- Governments NIS
- Pole to pole
- Low orbit.
- Propulsion capability improving
- Virgin “Breaking Barriers. Giving access to Space”





Exploring New Markets

- From Climate, Connectivity, Mobility
- Compliance:
 - Find forest clearance
 - Find people spoiling water with effluent
- Half the world is 5G. The other half of the world is 0G.



Current Thinking & Action

- Insurance... evaluate an asset, monitor an asset whilst insured and evaluating any claims.
- Agriculture: Sainsburys sustainability drive
- Pharma... drugs experiments in zero gravity
- Car companies enhancing capabilities
- Geology / Mining: Find Lithium in Cornwall
- Funding – KTPs, Sustainable financing
- Keep the data in space? Save energy on earth
- Tourism – e.g. space station
- Traffic Management: Track boats and planes

Mark Boggett, MD Seraphim Capital.
sa.catapult.org

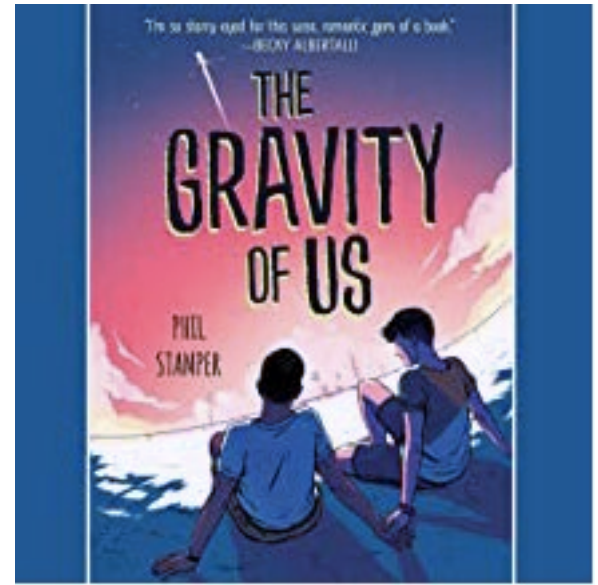
OPPORTUNITY



- **Collaborate.** We are in a university with multiple disciplines
- Experiment - Easier than ever to create an MVP
- Follow you passion - SDGs
 - Internet in every corner of the world
 - Climate
 - Health
- Smart cities
- Careers supporting the emerging \$trillion industry



The BIGREAD
The Gravity of Us
Space



Thank you

P.Parker@Kingston.ac.uk