

Riding the Roller-Coaster

O wonder!

How many godly creatures are there here!

How beautiful mankind is! O brave new world,
That has such people in it.

So wrote William Shakespeare, in *The Tempest*, Act V, Scene 1, and used by Aldous Huxley in his 1932 epic *Brave New World*, to show that although utopic when viewed from afar, a society of paradise-engineered inhabitant's in the year 2540AD could not see the faults that were self-evident to Huxley's readers.

With changes in technology happening at such an unimaginable rate, are we approaching a Brave New World that no-one can see coming?

In 2014 Vivek Wadhwa,* presented "Get Ready for The Next Wave of Tech Disruptions" in which he outlines a number of personal observations that if true will lead us all closer to a Brave New World.

Here is an edited extract from his speech:

Changes in technology are happening at a scale which was unimaginable before and will cause disruption in industry after industry. This has really worried me, because we are not ready for this change and most of our leading companies won't exist 15-20 years from now.

Here are five sectors to keep an eye on.

1. Manufacturing.

Robotics and 3-D printing have already made it cheaper to manufacture in the United States and Europe than in China. Robots such as Baxter, from Rethink Robotics, and UR10, from Universal Robots, have arms, screens which show their emotions, and sensors that detect what is happening around them. No need to programme these robots, they learn on the job. The cost of operating these robots is less than the cost of human labor. Robots working 24-7, doing some of the work of humans. Over time these robots will become even more sophisticated and do most human jobs. The manufacturing industry is surely going to be disrupted in a very big way. This is good news for America, Europe, and parts of Asia, because it will become a local industry. But this will be bad for the Chinese economy, which is largely dependent on manufacturing jobs.

In the next decade, robots will likely go on strike, because we won't need them anymore. They will be replaced by 3D printers. Within 15 to 20 years, we will even be able to 3D print electronics. Imagine being able to design your own iPhone and print it at home. This is what will become possible.



NEXT MONTH VIVEK'S VIEW : REINVENTION OF FINANCE

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Upcoming floats and listings

ALT Resources Limited

**ALT
TBA**

Alt Resources Limited is an Australian based mineral exploration company incorporated in April 2014 to acquire a 70% interest in tenements held by GFM Exploration Pty Ltd (GFM). GFM is the registered holder of four tenements located in the south-east Lachlan Orogen in New South Wales.

Timah Resources Limited

**TML
20 August 2015**

Timah Resources Limited is an Australian iron ore mineral exploration company currently listed on the National Stock Exchange (www.nsx.com.au).

The company is preparing to list on the Australia Stock Exchange (ASX).

Soon Mining Limited

**SMG
16 October 2015**

Soon Mining Limited is a gold mining company registered in Australia. Its flagship operation is the Kwahu Praso Gold Concession, located in the Eastern Region of Ghana, with Soon Mining owning 100% right of the project.

Golden Eagle Mining Ltd

**GEE
28 August 2015**

Golden Eagle Mining has secured a large, high-quality ground position, made up of six prospects: Gecko, First Find, Endeavour, Bungarra, Sunseeker and Ubini, holdings with historic workings, one of the world's most prolific gold districts.