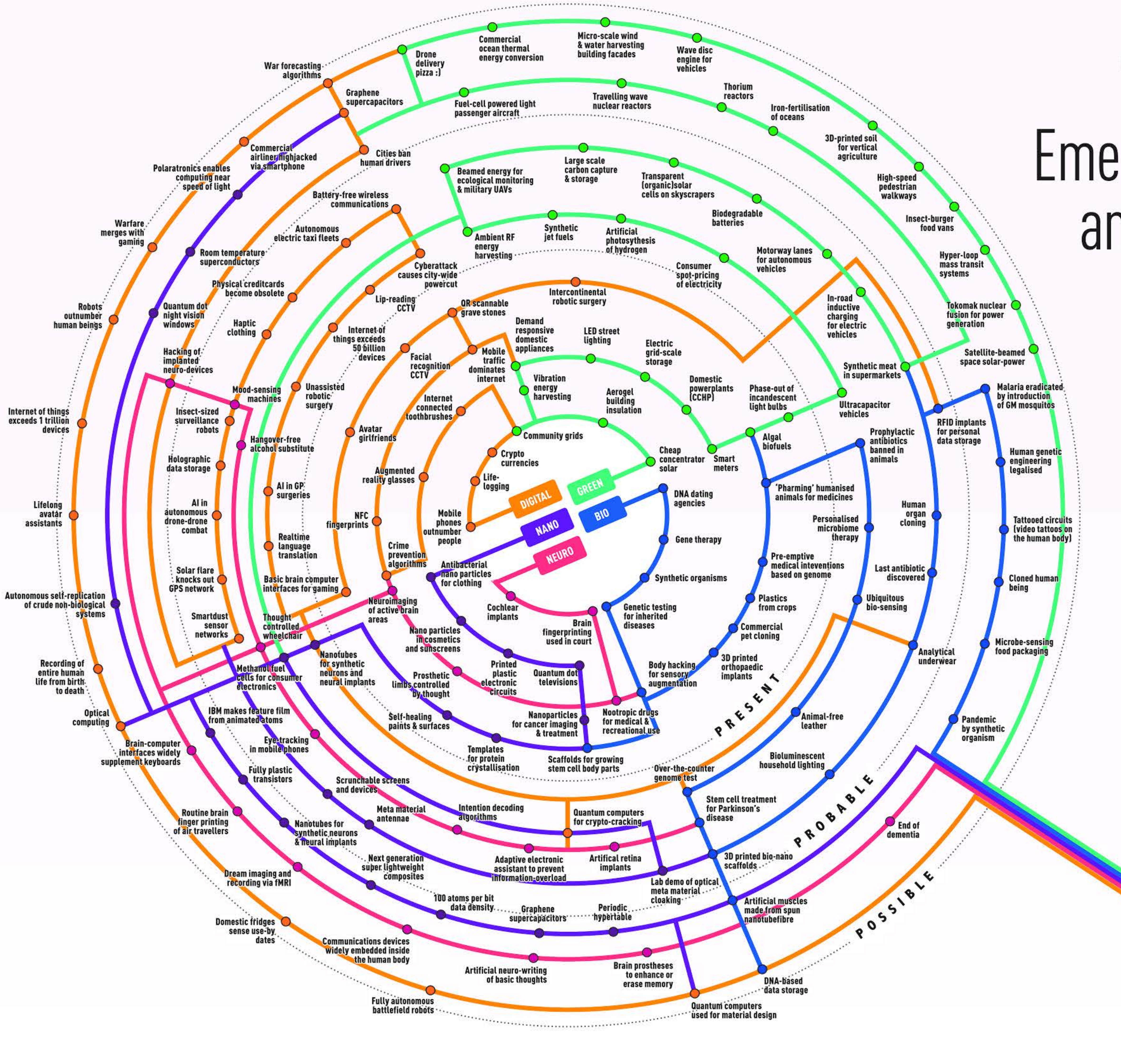
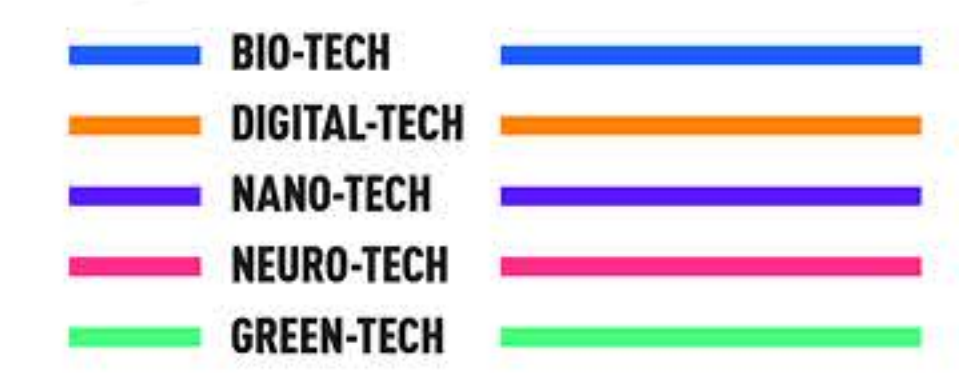


Timeline of Emerging Science and Technology



Legend



Innovation or event

- PRESENT** Defined as existing now or thereabouts with at least 1,000 examples existing where appropriate
- PROBABLE** Defined as occurring between 2015-2030
- POSSIBLE** Defined as potentially occurring after 2030

Notes and acknowledgements

Conceived and created by Richard Watson and Alex Ayad with input from Chris Haley and additional input from the 'Smarties' at Imperial College London.

Note that whilst most entries on the timeline are deeply serious, a few are less so. High resolution files suitable for printing can be obtained free of charge from richard@nowandnext.com or techforesight@imperial.ac.uk

A3 and A1 printed wall charts can also be ordered via these addresses although a charge is applied purely to cover print, packing and postage costs.



www.imperialtechforesight.com

KAIST Bio-IT Healthcare Initiative International Workshop Series

Neural computation workshop

Venue_ Dream Hall, Chung Moon Soul building (E16), KAIST

Date_ November 2 (Wed), 2016, 14:00 ~ 17:30

14:00–14:10 Opening remarks (Sang Wan Lee)

14:10–14:40 Se-Bum Paik (KAIST)

Functional structure of cortical neural networks for visual information processing

14:40–15:10 Sang Wan Lee (KAIST)

Markov decision process unfolds within the human prefrontal cortex

15:10–16:10 Jinseop Kim (Korea Brain Research Institute)

Neural codes of visual perception: single cells and neural circuits in the retina

16:10–16:30 Break

16:30–17:30 Mattia Rigotti (IBM T.J. Watson Research Center, USA)

High and low-dimensional neural responses for learning and implementing context-dependent behavior

IT

NANO

BIO

HEALTHCARE