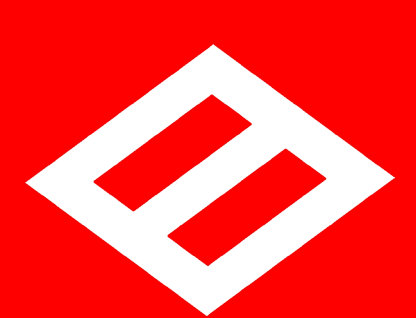
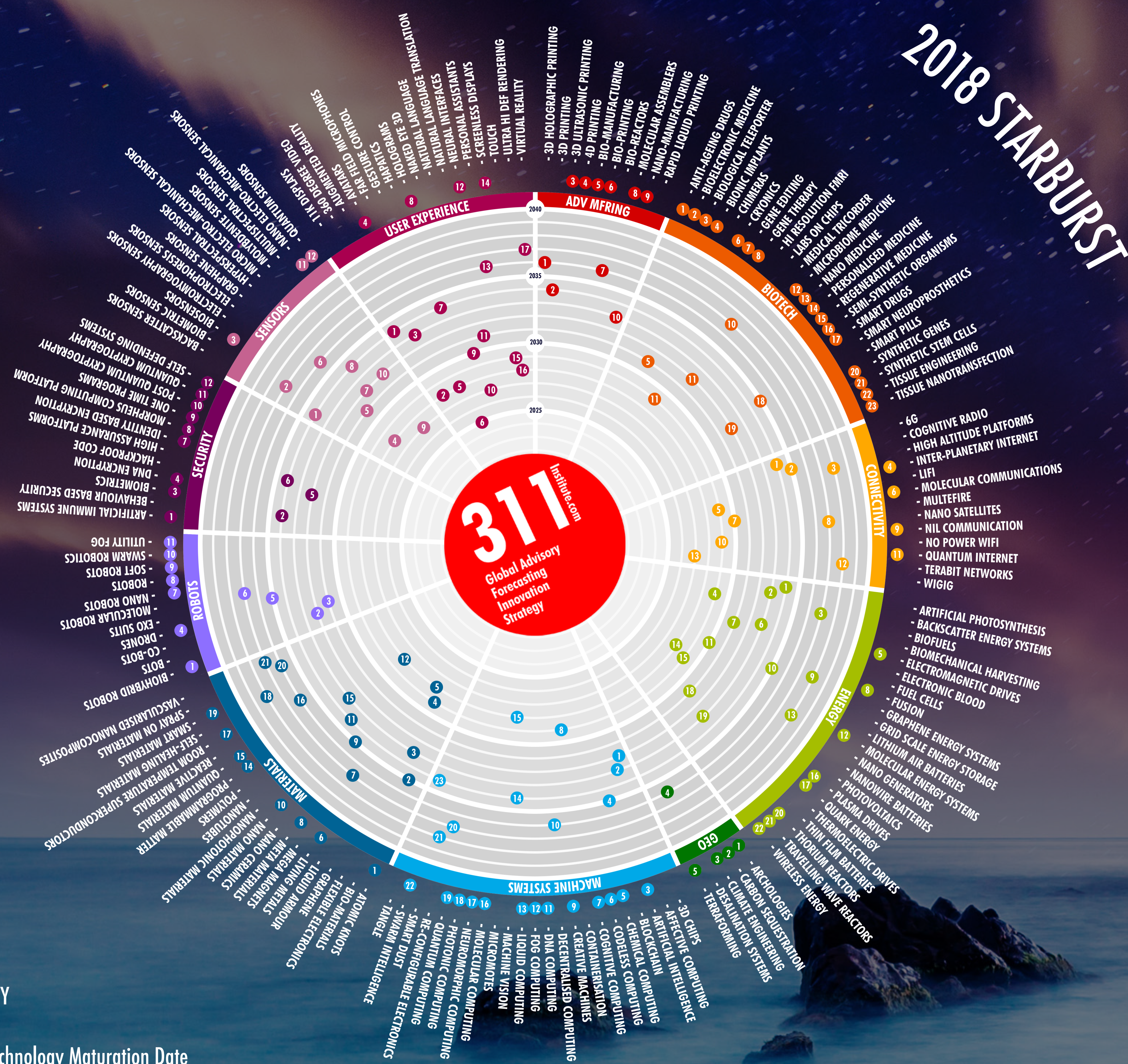




THE GRIFFIN EMERGING TECHNOLOGY STARBURST 2018 EDITION. WHAT WILL YOU #DISRUPT?



Vs



STARBURST KEY

1 Est. Technology Maturation Date

WELCOME FROM @311INSTITUTE

The 311 Institute is a global Futures and Deep Futures advisory, strategy, and innovation firm, and our mission to democratise access to the future and help people realise their exponential potential.

Now in its third year the Griffin Emerging Technology Starburst is used by organisations all around the world to help them keep track of the latest emerging technology trends and envision the future of their companies and products.

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LOOKING BACK AT 2017

2017 lagged 2016 for technology world firsts which, it has to be said, was buoyed by a significant number of Artificial Intelligence (AI) firsts. However, unlike 2016 the world firsts I witnessed in 2017 were spread across a much broader range of categories, including Advanced Manufacturing, AI, Computing, Creative Machines, Food Manufacturing, Holography, Nano Medicine, Quantum technology, Robotics and Synthetic Biology. 2017's stand out world firsts included: an AI created by another AI • AI run autonomous organisation • A six DNA base pair alien life form • A biological teleporter • Brain controlled drug delivery nanobots • Designer babies • Human in vivo cancer vaccines and gene editing trials • An Inter-continental Quantum network • Self-coding and self-learning AI's, and self-evolving robots. 2017 was also the year we saw the first architectures, and prototypes, for the first Artificial General Intelligence (AGI) agent, a serious Blockchain competitor, and DNA, Chemical, Liquid and Photonic computing platforms... and MANY more, and we are just getting started!

INTRODUCING THE 2018 STARBURST

In this year's Starburst, which displays 169 of the world's most promising emerging technologies, each with an addressable market value of at least \$500 Billion spread across 11 categories, I expanded the timeline from 2035 to 2040, and promoted 42 new emerging technologies.

This year, in 2018 I expect more big breakthroughs in the fields of AI, Energy, Quantum and Nano tech, and Synthetic Biology. However, that's not to say that the other categories will be laggards and this year's promoted technologies will have to work hard to keep their places.

MORE RESOURCES ...

Click or scan the QR code to download our Starbursts FREE companion EXPONENTIAL TECHNOLOGY CODEX to explore these technologies in more detail, and get access to thousands of articles, keynotes, podcasts, reports, and videos.

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