



## Raffaello D'Andrea

**Renowned visionary, speaker, entrepreneur, inventor, scientist, co-author of Kiva Systems and founder of Verity Studios**

Raffaello D'Andrea is a renowned roboticist and autonomous systems visionary, an engineer, speaker, entrepreneur and is professor of dynamic systems and control at ETH Zurich. He is also co-founder of Kiva Systems (now operating as Amazon Robotics) and a founder of Verity Studios.

## Raffaello's biography

### About Raffaello D'Andrea

Prof Raffaello D'Andrea is a visionary and entrepreneur in the area of robotics and AI. His presentations are dynamic, challenging and [inspiring](#). Spanning academics, [business](#) and the arts, Raffaello D'Andrea's career is built on his ability to bridge theory and practice. At the Swiss Federal Institute of Technology (ETH) in Zurich, his research redefines the capabilities of autonomous systems. Because of this background, Prof. D'Andrea makes a fascinating keynote speaker and is a must for technology-based conferences.

D'Andrea is a Canadian, Italian and Swiss engineer, [entrepreneur](#) and inventor.

Raffaello has been at the forefront of machine learning (specifically in the field of robotics and automation) for years. He is the co-founder of Kiva Systems (acquired by Amazon in 2012, and now operating as Amazon Robotics), a robotics and logistics company that has completely transformed how Amazon run their warehousing systems. He was the faculty advisor and system architect of the Cornell Robot Soccer Team, four-time world champions at the international RoboCup competition.

With his startup, Verity Studios, he recently created the flying machine design and choreography for Cirque du Soleil's Paramour on Broadway. In addition, he is a new media artist with exhibitions at various international venues, including the Venice Biennale, the FRAC Centre and the National Gallery of Canada. Other creations and projects include the Flying Machine Arena, the Distributed Flight Array, the Balancing Cube, Cubli, Flight Assembled Architecture, the Blind Juggler, the Robotic Chair and RoboEarth.

His TED talks, viewed more than 10 million times, have inspired a generation to pursue engineering, [robotics](#), and computer science.

D'Andrea has also received various awards including the robotics industry's highest awards "*The 2015 Engelberger Robotics Award*" and "*The 2016 IEEE Robotics and Automation Award*".

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