



2021 NATIONAL INVENTORS HALL OF FAME INDUCTEE

Born: Aug. 13, 1967

Primary Connections:

- Verity Inc: Founder, CEO and Chairman, 2014-present
- ROBO Global: Co-founder and Strategic Advisory Board Member, 2013-present
- Swiss Federal Institute of Technology (ETH Zurich): Professor, founder of the Institute for Dynamic Systems and Control, 2008-present
- Kiva Systems Inc.: Co-founder and Chief Technical Adviser
- Cornell University: Professor, co-founder of the Systems Engineering Program

Education:

- University of Toronto (Canada): B.Sc., Engineering Science, 1991
- California Institute of Technology: M.S., Electrical Engineering, 1992; Ph.D., Electrical Engineering, 1997

Key Memberships/Awards:

- IEEE: Robotics and Automation Award, 2016
- Robotic Industries Association: Engelberger Robotics Award for Technology, 2015
- IEEE: Fellow, 2010
- IEEE/IFR: Innovation and Entrepreneurship Award (also presented to Mick Mountz and Peter Wurman) 2008
- U.S. Presidential Early Career Award for Scientists and Engineers, 2001

10 Things You Need to Know About

Raffaello D'Andrea

Inventor of Mobile Robotic Material Handling for Order Fulfillment

U.S. PATENT NO. 8,649,899

1. A native of Italy, D'Andrea was born in 1967 in Pordenone, near Venice.
2. When he was 9, his family moved from Italy to Toronto, Canada.
3. He once cycled from Vancouver to Toronto on a mountain bike.
4. D'Andrea was named an IEEE Fellow in 2010.
5. He was the faculty adviser and system architect of Cornell University's Robot Soccer Team, winning four world championships in Sweden, Australia, Italy and Japan.
6. D'Andrea is an internationally exhibited new media artist whose works have been shown at the Venice Biennale and are part of the permanent collections of the National Gallery of Canada and France's FRAC Centre.
7. At his startup, Verity, he created flying machine designs and choreographies for Cirque du Soleil's "Paramour on Broadway" and Metallica's "WorldWired" tour.
8. As an avid mountaineer, he has logged more than 1.4 million feet of elevation gain in the last 10 years — the equivalent of hiking the Grand Canyon over 280 times.
9. His TED and research talks have received tens of millions of views.
10. D'Andrea has been named as an inventor on more than 40 U.S. patents.