VIVEK WADHWA

Academic, entrepreneur, and author of five best-selling books

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- Author of five best-selling books: From Incremental to Exponential; Your Happiness Was Hacked; The Driver in the Driverless Car; Innovating Women; and The Immi-grant Exodus
- He was named Silicon Valley Forum’s 2018 VISIONARY AWARD-WINNER. Past honorees include Bill Gates and Elon Musk
- Has held appointments as Distinguished Fellow at Harvard Law School’s Labor and Worklife Program, Carnegie Mellon University, and Emory University
- Based in Silicon Valley and researches, speaks, and writes about advancing technologies that are transforming our world
- Named one of the world’s “Top 100 Global Thinkers” by Foreign Policy magazine
- One of TIME magazine's "40 Most Influential People in Tech" (2013)

Vivek Wadhwa is an academic, entrepreneur, and author of five best-selling books: From Incremental to Exponential; Your Happiness Was Hacked; The Driver in the Driverless Car; Innovating Women; and The Immigrant Exodus.

He has been a globally syndicated columnist for The Washington Post and has held appointments as Distinguished Fellow at Harvard Law School's Labor and Worklife Program, Carnegie Mellon University, and Emory University; adjunct professor at Carnegie Mellon and Duke University; fellow at Stanford Law School and UC Berkeley; and head of faculty at Singularity University.

Vivek is based in Silicon Valley and researches, speaks, and writes about advancing technologies that are transforming our world. These advances – in fields such as robotics, artificial intelligence, computing, synthetic biology, 3D printing, medicine, and nanomaterials – are making it possible for small teams to do what was once possible only for governments and large corporations to do: solve the grand challenges in education, water, food, shelter, health, and security.

In 2012, the U.S. Government awarded Wadhwa distinguished recognition as an "Outstanding American by Choice" for his "commitment to this country and to the common civic values that unite us as Americans".

He was also named one of the world's "Top 100 Global Thinkers" by Foreign Policy magazine in that year; in June 2013, he was on TIME magazine's list of "Tech 40", one of forty of the most influential minds in tech; and in September 2015, he was second on a list of "ten men worth emulating" in The Financial Times. In 2018, he was awarded Silicon Valley Forum's Visionary Award, a list of luminaries "who have made Silicon Valley synonymous with creativity and life-changing advancements in technology".

Earlier in his academic career, Wadhwa studied remedies for the effect of globalization on U.S. competitiveness. His team's report on engineers' education, in 2005, dispelled myths that India's and China's graduation rates were ten times U.S. ones. Though both India and China graduate many more "engineers" than the U.S. does, their definitions of those terms

include everyone from mechanics to trade-school graduates. Elite institutions in both countries do turn out world-class engineers, but their numbers are small. Wadhwa's subsequent research revealed why companies were going off shore and highlighted new trends in the globalization of R&D and innovation. To explain how India was achieving success despite its weak education system, Wadhwa published a seminal research report that analyzed its surrogate education system and workforce-development practices. Indian companies, in particular, have become global centers of excellence in high-skill areas, including software development, chip design, pharmaceutical research, and advanced engineering tasks such as aircraft-engine design. Wadhwa found that the best Indian companies more than compensated for the inadequacy of the country's education system by developing their own, highly innovative, training programs.

Wadhwa's teams' research on American competitive advantages focused on entrepreneurship, skilled immigration, and university-research commercialization. It revealed key insights into the ages, education backgrounds, and motivations of tech entrepreneurs, and documented that more than one in four U.S. technology startups from 1995 to 2005 was founded by an immigrant. These immigrants tended to be highly educated, with strong backgrounds in science, technology, engineering, and mathematics. Wadhwa found that a flawed immigration system had created a backlog of more than a million skilled workers who were waiting for permanent-resident visas and that this backlog had the potential to cause a sizable brain drain of talent from the U.S. to other countries and a weakening of U.S. competitiveness. His research then tracked returnees to India and China and determined that they were having greater success back home.

Wadhwa has also researched Silicon Valley's diversity, or the lack of it. He documented that women entrepreneurs have the same backgrounds and motivations as men do, but are rare in the ranks of technology CEOs and CTOs.

Wadhwa has collaborated with highly regarded academics from Stanford, Harvard, Duke, NYU, UC-Berkeley, and other universities. His research, which has been supported by several grants from the Kauffman Foundation and by the Sloan Foundation, has been cited in thousands of national and international media outlets since 2007, and has gained the attention of policy makers. Wadhwa has delivered keynote speeches at hundreds of conferences, including those of the National Governors Association and the National

Academy of Sciences.

Before becoming an academic, Wadhwa was a technology executive known for pioneering change and innovation. He started his career as a software developer and gained a deep understanding of the challenges in building computer systems. His quest to help solve some of I.T.'s most daunting problems began at New York–based investment banking powerhouse CS First Boston (CSFB), where he was Vice President of Information Services. There he spearheaded the development of technology for creating computer-aided software-writing systems that was so successful that CSFB decided to spin off that business unit into its own company, Seer Technologies. As its Executive Vice President and Chief Technology Officer, Wadhwa helped grow the nascent startup into a $118 million publicly traded company.

With the explosive growth of the Internet, Wadhwa saw an even greater opportunity to help businesses adapt to new and fast-changing technologies, and founded Relativity Technologies. As a result of his vision, Forbes.com named Wadhwa a "Leader of Tomorrow", and Fortune magazine declared Relativity one of the 25 coolest companies in the world.

Wadhwa holds a B.A. in Computing Studies from the University of Canberra, in Australia, and an MBA from New York University. He is founding president of the Carolinas chapter of The IndUS Entrepreneurs (TIE), a non-profit global network intended to foster entrepreneurship. He has been featured in thousands of articles in publications world wide, including the Wall Street Journal, The Economist, Forbes magazine, The Washington Post, The New York Times, U.S. News and World Report, and Science Magazine, and has made many appearances on U.S. and international TV stations, including CBS 60 Minutes, PBS, CNN, ABC, NBC, CNBC, and the BBC.

TEMAS

Vivek tailors each presentation to the needs of his audience and is not limited to the topics

listed below. Please ask us about any subject that interests you;

- Innovation
- Technology
- Disruption
- Corporate Reinvention
- Strategy
- Global Markets
- Talent
- Workforce Development
- Healthcare
- Future of Work
- Manufacturing
- Robotics
- Artificial Intelligence
- Quantum Computing

PROGRAMAS

Navigating the Future: From Science Fiction to Reality

This decade is poised to be the most amazing in human history. Self-driving cars will soon safely traverse our streets, while drones will not only deliver our morning coffee but also realize the dream of flying cars. The emergence of humanoid robots, similar to Rosie from "The Jetsons," will revolutionize our daily lives, offering both culinary services and companionship. In the field of bionics, advancements will bring about enhancements reminiscent of "The Six Million Dollar Man."

In the medical field, we are on the brink of a revolution with AI doctors providing 24x7 monitoring and advice, potentially surpassing human doctors. We are moving closer to curing every disease, including cancer, and advances in synthetic biology may allow us to eliminate hereditary diseases and even choose specific traits for our offspring.

Furthermore, the fantasy of Star Trek's holodecks will edge closer to reality, driven by advancements in virtual reality. The era of 3D printing will expand to include household items, cars, houses, and even electronics. Alongside these developments, we will witness a

green revolution, an energy revolution, a space revolution, and much more, marking a period of unprecedented innovation and transformation.

In this very upbeat talk about what our future holds, Vivek Wadhwa will explain what is making all this possible: the exponential growth of technologies, which consistently double their power, price-performance, capacity, and bandwidth every one to two years, often surprising us with what is possible. We are literally on the brink of an era where amazing advancements become a reality.

However, it is important to recognize the potential dark side of these technologies. The very advancements that promise immense good also hold the capacity for harm, potentially leading us to a dystopian future akin to Mad Max. This is because every technology that can be used for good can also be used for evil.

The message is that we have important choices to make about the future we want to create. This is the message of Vivek's best-selling book, The Driver in the Driverless Car: How Our Technology Choices Will Create the Future.

Harnessing the Power of AI for Exponential Business Growth

The pandemic has taught us the incredible power of exponentials. We have seen how a small development in a far-off place can set off a series of events that quickly disrupts everything about our lives. However, it is not only viruses that advance exponentially. in the coming years, a range of technologies will create the same sort explosive and transformative changes across industry, society, and government.

What is enabling this new revolution is computer technology's exponentially increasing pace of advancement. Our smartphones now have greater computing power than yesterday's supercomputers. Every technology that is information-based is advancing on an exponential curve, including, AI, robotics, sensors, synthetic biology, 3D printing, and quantum computing — all becoming smaller, faster, and cheaper.

Advancing technologies can be deceptive because at first, because as they advance on a linear scale things move very slowly. Then, when the exponential curve trends upward, we are caught off guard, and disappointment leads to amazement and fear. This is precisely

what is happening with artificial intelligence, which as recently as a decade ago was considered a failed technology — after two “A.I. winters”.

Today, new “large language models” (llms) that power tools such as Chatgpt have surprised even their creators with their unexpected talents. They are about to make obsolete all of the data-analytics tools that corporations use, from tried and tested decision-support systems to knowledge-based and expert systems. This is because they can effectively analyze billions of times more information than anything before. Their effect will be akin to the introduction of electricity — and everything that has already been electrified can also be “cognified.”

Vivek Wadhwa will explain in simple terms what these emerging technologies are, including:

- What led artificial intelligence (A.I.), the stuff of science fiction, to failure in the ’90s; the new methods of data analysis; and the advent of the GPU that revived it;
- Separating fact from fiction: the difference between today’s “narrow” or “weak” A.I. and tomorrow’s artificial general intelligence and superintelligence;
- ChatGPT and the classes of machine-learning strategies — supervised, unsupervised, and reinforcement — and their application in business
- How A.I. can provide the cheap, reliable, industrial-grade digital smartness to transform decision-making in everything from stock trading, document review, and financial analysis to security, intelligence, fraud detection, and law enforcement;
- Cutting through the hype: the limits and practicalities of business A.I.;
- Regulatory and reputational concerns arising from A.I.’s opacity;
- The big picture and how converging exponential technologies will enable us to solve some of humanity’s greatest challenges, including the cure of disease, increasing food production, poverty alleviation, and education.

Attendees will learn of the incredible opportunities we now have to build new billion-dollar businesses in trillion-dollar industries. They will also learn some of the dangers of these technologies.

Vivek’s book From Incremental to Exponential: How Large Companies Can See the Future and Rethink Innovation will provide valuable follow-up reading for attendees who want to learn the secrets of Silicon Valley: how it has mastered exponential technologies and developed the new innovation methods that enable exponential growth.

Convergence, disruption, and opportunity: how existing industries will be disrupted and new, trillion dollar, industries will emerge

Not long ago, you could see your competition coming. Management guru Clayton Christensen coined the term “disruptive innovation” to describe how competition worked: a new entrant attacked a market leader by launching low-end, low-priced products and then relentlessly improving them. Now Christensen’s frameworks have themselves been disrupted — because you can no longer see the competition coming. Technologies are no longer progressing in a predictable linear fashion, but are advancing exponentially and converging.

Practically every industry will be disrupted over the next few years, including finance, insurance, health care, manufacturing, transportation, education, I.T. services, and communications. By the early 2030s, all but a very few of today’s Fortune 500 companies will have fallen off that list; they will go the way of Blockbuster, Kodak, RIM, Compaq, and Nokia. This is not all bad news, because disruption creates opportunities. New industries will emerge, and the companies that lead the change will have the trillion-dollar market capitalizations.

Vivek Wadhwa will explain how technologies converge and disrupt industries, and the S-curves that they form — which make it very hard to pick specific winners. The message is that business executives need to understand that:

- Trillion-dollar opportunities happen at the intersections of exponential technologies
- Disruptions are happening in every industry where technology can be applied
- Entrepreneurs can now do what only governments and big corporations could do before
- If they don’t disrupt themselves, they will be disrupted by startups from other industries.

Businesses must learn the new rules of the innovation game and transform their employees into intrapreneurs who think—and act—like the Silicon Valley entrepreneurs who are gunning for Goliath. Vivek will explain the basics of exponential technologies and convergence, provides examples of the disruptions that are under way in several industries, discusses the new rules of the innovation game, and challenges his audience members to think like today’s technology entrepreneurs—and to build the new billion-dollar businesses

within their companies.

This talk can cover transformation of manufacturing, energy, insurance, real estate, transportation, health care, retail, technology services, and other industries.

PUBLICACIONES

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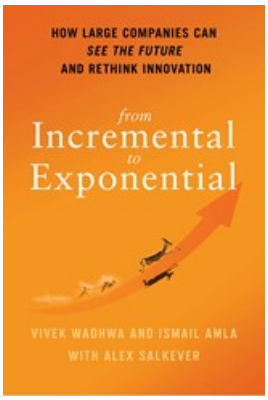
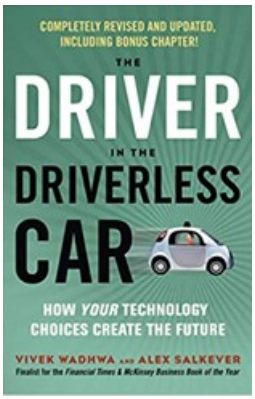
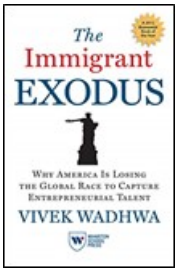


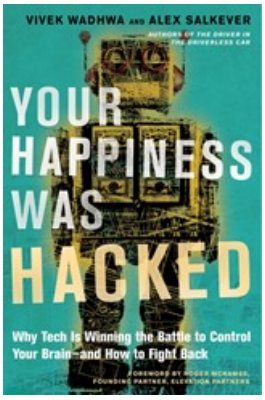
FROM INCREMENTAL TO EXPONENTIAL



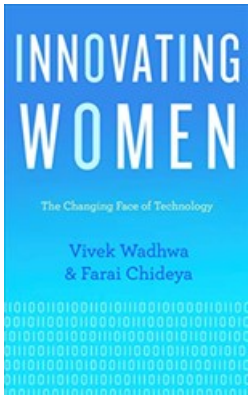
THE DRIVER IN THE DRIVERLESS CAR



THE IMMIGRANT EXODUS



YOUR HAPPINESS WAS HACKED



INNOVATING WOMEN

CONDICIONES

- **Travels from:** California, USA
- **Fee Range:** USD 40.000 to USD 50.000
- **Virtual:** USD 20.000 to USD 30.000