David Orban is an investor, entrepreneur, visionary, guru, author, blogger, keynote speaker and thought leader in the global technology landscape.

As a sought-after speaker, he has given over 100 keynote addresses and speeches around the world for organizations including CISCO, Roche, Oracle, Abbvie, Electrolux, TEDx Talks, Edmond de Rothschild Group, Singularity University, Intesa, A.T. Kearney, Harvard University, Indian Institute of Technology New Delhi, Belgian Academy of Science, University of Seoul, Internet Advertising Bureau, Globalization and Localization Association, 100 Year Starship Symposium, Web 2.0 Summit, O’Reilly Emerging Technology Conference, Login, H-Farm and others.

David is currently:

Managing Partner, Network Society Ventures
Founder and Trustee, Network Society Research
Advisor, Faculty Member and Chapter Ambassador, Singularity University
Adjunct Professor, LUISS Business School
Mentor, Thiel Fellowship
Managing Director, Futuroid, Ltd
Advisor (former CEO), Dotsub
Founder, Dotwords
Founder, Axelera
Advisor, Lifeboat Foundation

Below is a list, followed by a summary of David’s most popular keynote speaking topics. David welcomes the opportunity to create a customized keynote address based upon the interests and needs of any audience.

The Internet of Things
Autonomous Machines
Machine Morality
Artificial Intelligence
Superintelligence
Redesigning the Social Contract
The Disruptive Power of Decentralization
Cryptocurrency & Cryptoequity
Venture Investing for the 21st Century
Thriving in the Network Society
Network Society – A Primer for Enterprises & Nation States
Staying Human Through the Singularity
Exponential Governance

“What is the question that I should be asking?”

David Orban
Speaking Keynote Address Topics - April 2016

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The Internet of Things

The Emergence of a Global Nervous System

The world is rapidly being populated by massive networks of networks of sensors and actuators. These are the consequence of the ever shrinking silicon chip and other electronics components and the proliferation of ubiquitous hard-wired and wireless connectivity. They are exponentially growing our ability to understand and act upon our world. Topics covered include:

- What is the Internet of Things (IoT)?
- How will the IoT impact individuals, communities, enterprises and governments?
- How will the IoT transform the nature and structure of enterprises and nation states?
- Where are the new opportunities for individuals and companies in an IoT world?
- What should society be on alert for as the IoT of things emerges?

Autonomous Machines

The Evolution of Man-Machine Symbiosis

Almost without knowing it, we are delegating decision-making in our complex human systems to smart machines in business and our personal lives. What does that mean for the future of humanity? Topics covered include:

- How are we delegating decision-making to smart machines in everyday life?
- What is the state of evolution of today’s smart machines?
- What are the tradeoffs involved in delegating decision making to smart machines?
- What are the mechanisms that will enable us to control “autonomous” machines?
- Are Asimov’s “Three Laws of Robotics” enough? If not, what should the rules be?

Machine Morality

Giving Artificial Intelligence a Conscience

How do we make sure that intelligent machines “do the right thing”? Like it or not, the decisions made by these machines at home, in the enterprise, in governments or in society at large will always have ethical implications. In order for machines to make “morally correct” choices, it is essential to understand what morality is and to create a “science of morality.” Only then can engineers implement the right kind of morality in autonomous machines. Topics covered include:

- What is morality? Why do we care?
- Is it possible to create moral machines? How would one go about doing this?
- Is it possible to teach morality to a learning machine? How would you do it?
- Whose morals? How do we decide the right lessons/behavior to teach?
- What lessons from teaching human children can be applied to teaching machines?

Artificial Intelligence

Grappling with the Ultimate Augmentation

The spectrum of human capabilities has always been augmented by “machines”, whether it be the plow, eyeglasses, writing or the Internet. Today machines are augmenting human capacities in unprecedented ways, making us smarter and radically extending and enhancing human capabilities. Where do we go from here? Topics covered include:

- What is artificial intelligence?
- What are the pros and cons of the coming leap in human/machine capability?
- How does the evolution of AI fit in with the continuum of human evolution?
- What is inevitable and what is not in this unstoppable evolution?
- Why should we stop worrying and learn to love the the coming singularity?

Superintelligence
Living in a World of Super-Evolution

Three billion years of biological evolution, and a couple hundred thousand years of human evolution, and a few thousand years of intellectual evolution (the evolution of ideas) is now being complemented by the exponentially explosive evolution of artificial intelligence which is increasingly self-directed and self-improving. What is our place and role in the new reality? Topics covered include:

- What is Super Intelligence?
- How does Super Intelligence arise from exponential technologies?
- What will the impact of Super Intelligence on human civilization?
- How do we prepare ourselves for the Age of Super Intelligence?
- Do we have any choice about this?

Redesigning the Social Contract

Creating a Fair and Just Society in an Age of Massively Transformative Change

In an age of massively transformative change, how must the social contract evolve? There is no doubt that almost everyone will collide with their limits of adaptability in this turbulent new world. How does this affect our ability to be gainfully employed under the pressure of rapidly changing socio-economic conditions? The current paradigm of deserving to be part of society only when working in a traditional job is untenable. We must remember that human talent is not an externality and human purpose is not optional. How do we adapt to this new environment? Topics covered include:

- What is a social contract?
- A brief history of the social contract.
- What are the pressures that demand that the social contract evolve?
- How do we articulate and demand the right new social contract?
- What is the right new social contract? What is its manifesto?

The Disruptive Power of Decentralization

You Say You Want a Revolution? Here It Is!

Humanity is fully engaged in one of the most massive transformations in its history. This is the transition from a society organized based upon hierarchies to one based upon decentralized networks. This transition creates unprecedented opportunities for human empowerment and evolution. There are areas where this change is particularly disruptive and powerful. They are known as the Eight Pillar of Change – impacting the economic sectors of energy, manufacturing, food, health, learning, finance, security and policymaking. Topics covered include:

- Why is decentralization so powerful?
- What are some examples of the disruptive impact of decentralization?
- What will the transition to a decentralized society mean for you?
- How do you prepare for the Age of Decentralization?
- How will decentralization affect transnational corporations and nation states?

Cryptocurrency & Cryptoequity

Get Ready for the Future of Money, Banking, Investment and Transactions

Fundamental mathematical inventions and ubiquitous decentralized network have made Cryptocurrency & Cryptoequity possible. We are on the first few steps of a very long journey that will fundamentally transform our world. New currency, new equity, smart contracts, smart authorizations and tokenization, all operating at the speed of light (or rather, the network), are portending a world where billions are emancipated and empowered to participate on a level playing field. Topics covered include:

- What is the Blockchain? What are Cryptocurrency & Cryptoequity?
- How will these technologies transform money, payments, finance and transactions?
- Beyond Bitcoin – what are the applications beyond currency & why are they important?
- What companies are driving the Blockchain revolution?
What opportunities does this present for you?

**Venture Investing for the 21st Century**

*This is Not Your Father’s Investing Landscape*

Venture investing a been a black art practiced by an elite priesthood for decades. With the advent of information technology revolution, it can now be data-driven, algorithmic, lean, agile, scalable, open, transparent and collaborative. Asset and risk management in the 21st century is poised to transform from elite art into a citizen science. This will radically broaden the opportunity for wealth creation through venture investment. Topics covered include:

- What is CrowdFunding? What is the state of play in that realm?
- Why is venture investing going to transform from art to science?
- What does it mean to data-driven, algorithmic, lean, agile, scalable?
- How is openness, transparency and collaboration in venture investing a win-win-win?
- What are the best principals/practices for “retail” venture investment?

**Thriving in the Network Society**

*How to be a Road Warrior and not Road Kill in the Network Society*

Humanity is at the beginning of an unprecedented period of unstoppable massively transformative change. It will be exponential, chaotic and unpredictable. To thrive in this environment, individuals and communities must be adaptable and resilient. This requires learning and teaching through experimentation to find the best way to navigate the phase transformation as of our current socio-economic organization morphs into the Network Society. Topics covered include:

- What is the nature of exponential technologies and change?
- What will The Network Society look like?
- What does it mean to be adaptive and resilient?
- What do you need to do to survive and thrive in this transition?
- How do I find and identify opportunities amid the Network Society chaos?

**Network Society – A Primer for Enterprises & Nation States**

*Prepare to be Disrupted. Resistance. Is. Useless!*

The emergence of the Network Society will make the world “extremely challenging” for legacy institutions built on command and control hierarchies. Transnational enterprises and nation states must evolve or go extinct in this brave new world. Yes, that light at the end of the tunnel is an oncoming train. How do you make sure that your organization does not go the way of the dinosaurs? Topics covered include:

- What is the Network Society and how will it impact my organization?
- How are exponential technologies & decentralized networks going to change the world?
- Why doesn’t the old way of doing business work any more?
- What would a transformed enterprise or nation state look like?
- How does my organization get there?

**Staying Human Through the Singularity**

*Taking the Next Evolutionary Leap without Losing our Humanity*

Humanity is on the precipice of the next great evolutionary leap of life on Earth. This leap is the emergence of the kingdom of artificial intelligence and its co-evolution with biological intelligence (e.g. Homo sapiens). How do we change the definition of what is means to be human as we start to share our planet with other intelligences which are profoundly transforming our lives? How do we make sure that we retain our humanity as we explore the universe together on an endless journey of discovery? Topics covered include:

- What is the Singularity and what does it mean to me?
- How is this a great evolutionary leap? What is meant by co-evolution in this context?
- Why should we consider this to be a whole new kingdom of “life”?

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• What is Transhumanism and why does it upset so many people?
• How do we retain our humanity as we rocket through the Singularity?

Exponential Governance

Capturing the Power of Exponential Technologies to Re-Invent Government

The world is entering an era dominated by exponential technologies and decentralized networks. Governments at all levels must embrace this period of massively transformative change to stay relevant to their constituents. This will require a fundamentally different and more empowered relationship with the governed. It is essential to discuss, implement, measure and update policies and constituent service with the same speed and agility with which technological change is reshaping our society. Topics covered include:

• What are exponential technologies and decentralized networks?
• What will this massively transformative change look like?
• How will this impact governments?
• How must governments transform to effectively serve their constituents?
• What are the best principle and practices for governments in the Network Society?