

Where are we in 2040?



Alain Bensoussan
17 09 2015

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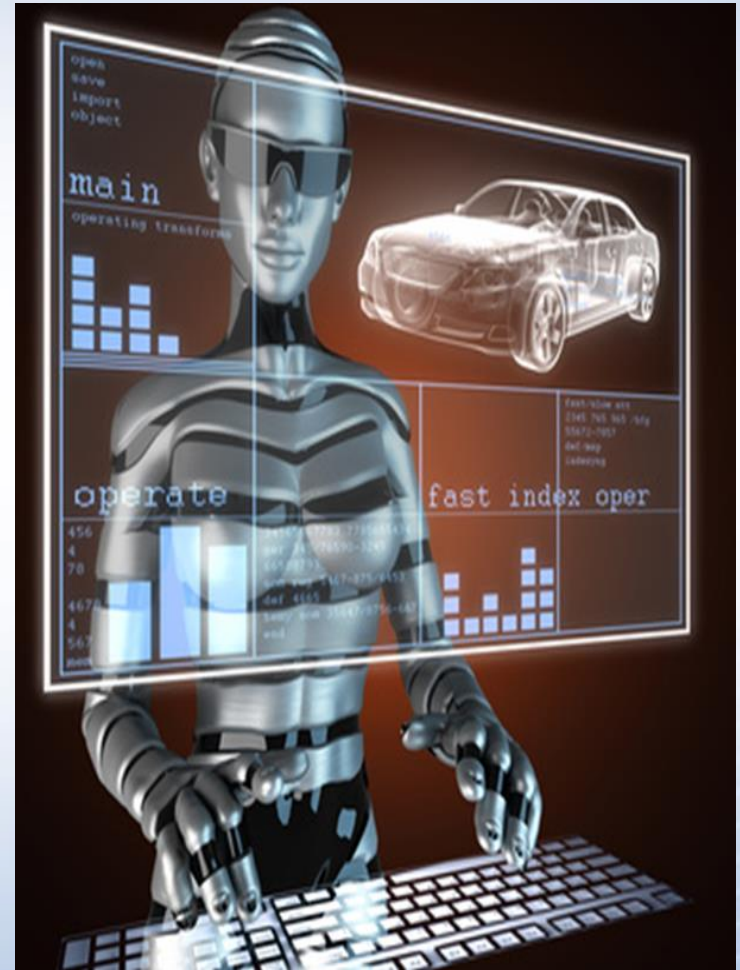


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Introduction

- Challenges
 - Mistakes
- Legislation
 - Frameworks
- Key solution
 - Artificial intelligence



Overview

1. Main Issues

1. Science, Technology and Law
2. Disruptive Breakthroughs

2. Legal Solutions

1. Predictions
2. Robot Law

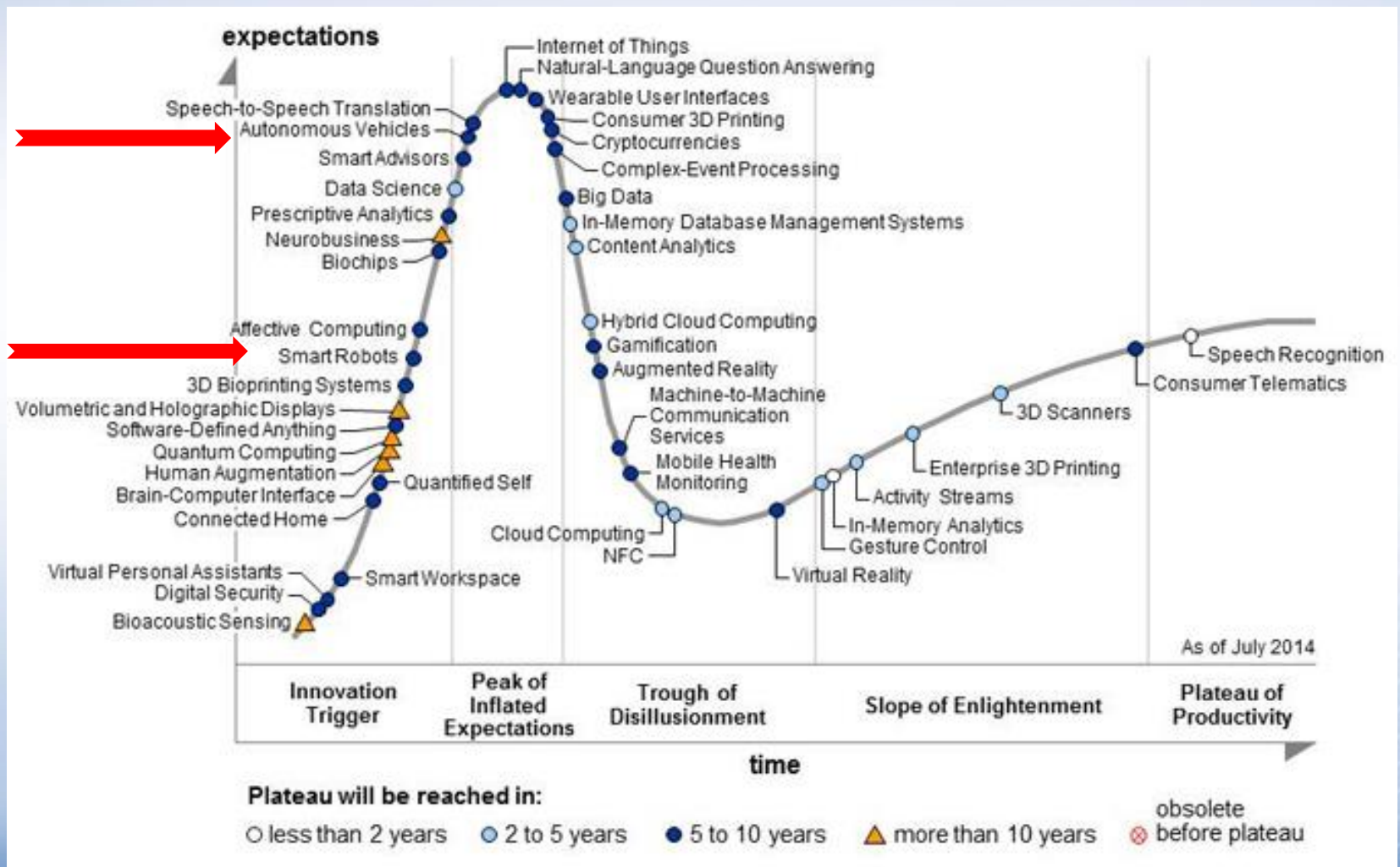


1. Main Issues

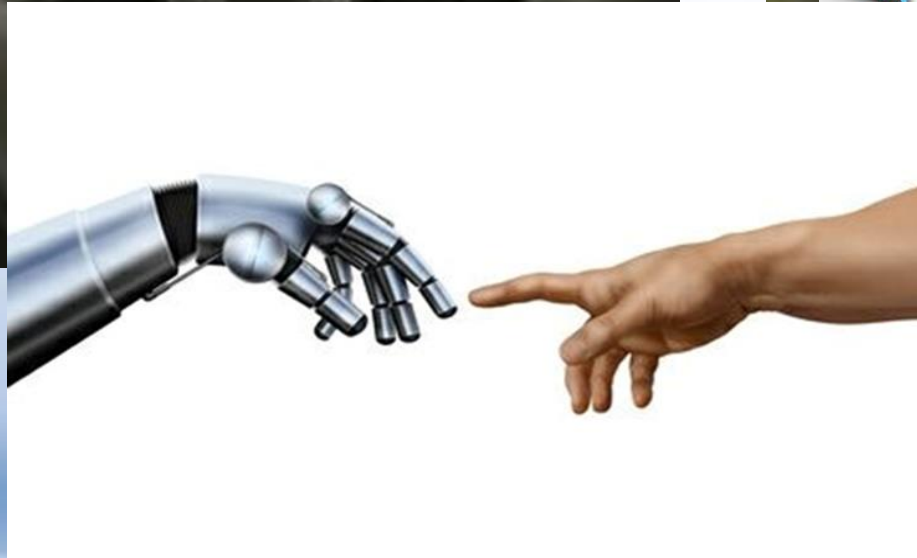
1. Science, Technology and Law
2. Disruptive Breakthroughs



1.1 Science, Technology and Law (1)



1.1 Science, Technology and Law (2)



1.2 Disruptive Breakthroughs

- Science fiction
- Three categories
 - Quantum computing
 - Dark matter
 - Brain-computers



2. Legal Solutions

1. Predictions
2. Robot Law



2.1 Predictions

- General predictions
 - Ray Kurzweil
 - Laurent Alexandre
- Automated Driving Forecasts
 - 2025
 - 2040

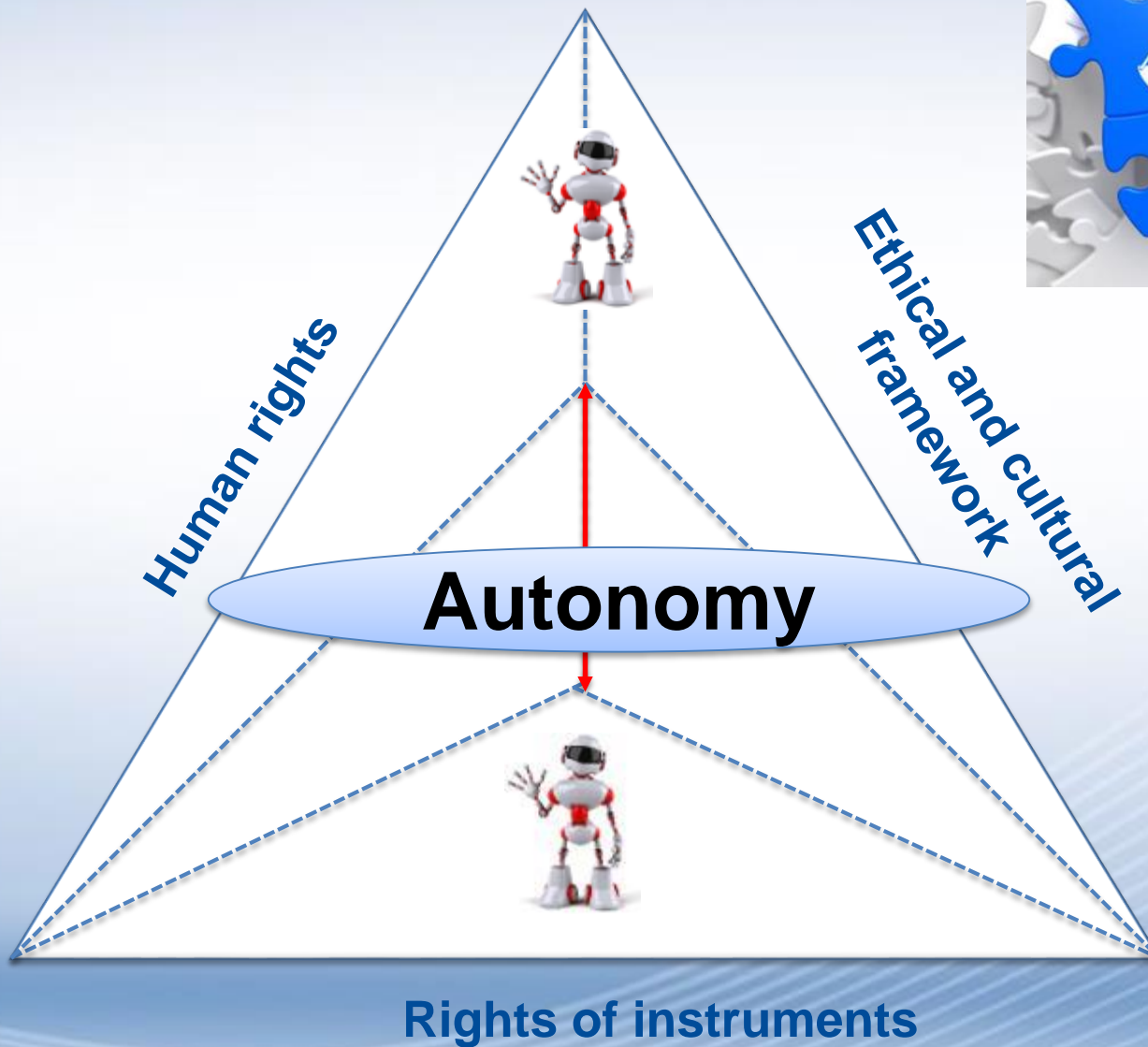


2.2 Robot Law (1)

- Machines
- AI platforms
- Autonomous decisions
- Environment
- Cooperation



2.2 Robot Law (2)



Conclusion: Human-Robot Convergence



Robots with organic parts

2015

2040



Humans with inorganic parts

Thank you



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