

# The events behind the current mutations

*Three diagrams that synthesize the issues and causes  
of the current transformations*

We need to better identify the transition taking us from an industrial to a post-industrial society if we want to make effective use of the tools that can help us better manage the new complexity.

Here are one hundred events which define the turbulent period we have experienced from 1980 to 2009. In this 30-year period we have watched the societal rupture that we are currently living through develop from a range of causative factors. The list of events is accompanied by a list of one hundred researchers and authors who are the witnesses to these events and whom we have cited in this document.

We can better understand the changes we are seeing and feeling if we analyze the activities through three filters : a *technological* dimension, an *economic* dimension and a *societal* dimension.

### Authors :

Benoit Mandelbrot  
David Sarnoff  
Daniel Bell  
Raymond Kurzweill  
Isaac Asimov  
Joseph Weizenbaum  
Vinton Cerf  
David Packard  
Robert E. Kahn  
Grace Murray Hopper  
Marvin Minsky  
Seymour Papert  
Douglas Engelbart  
Nicholas Negroponte  
Robert Metcalfe  
Mitch Kapor  
Tim Berners-Lee  
Steve Jobs,  
Steve Wozniak  
Georges Lucas  
Al Gore  
Jaron Lanier  
Gordon Moore  
Bill Gates,  
Paul Allen  
Steven Spielberg  
Robert E. Kahn  
Marc Andreessen, Jim Clark  
Steve Balmer, Ray Ozzie  
Jerry Yang, David Filo  
Sergei Brin, Larry Page

1980

End of the 2<sup>nd</sup> industrial era

2000-2002

Beginning of the rupture

Emergence of the postindustrial era

2010

### Events and concepts :

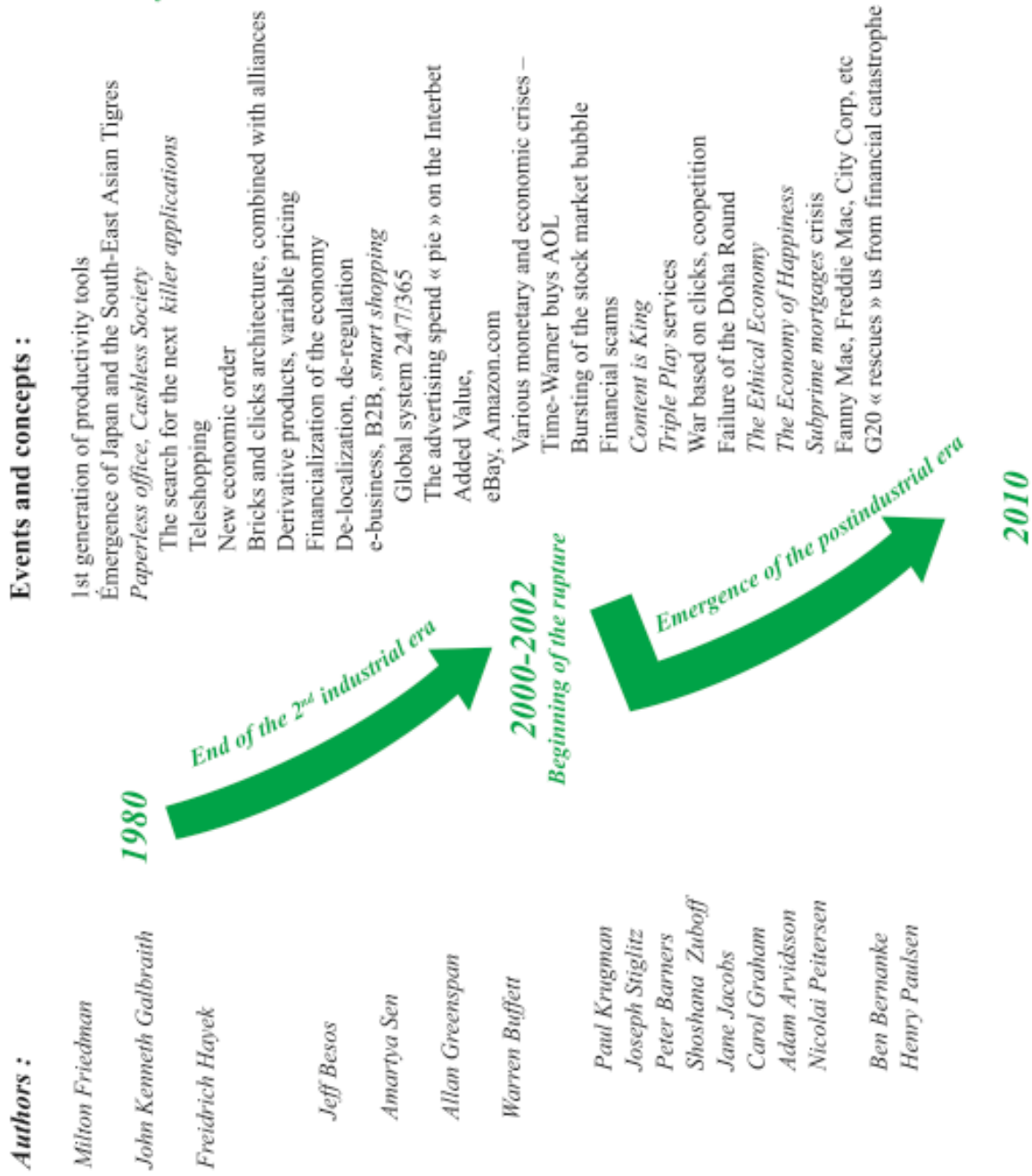
Apple II, TRS-80, IBM PC  
First satellite : Intelsat  
Transatlantic cable TAT-7  
Broadcasting model  
Vidéotext  
First video games  
Macintosh and WYSIWYG  
Artificial intelligence, expert systems  
Google  
Émergence of virtual reality  
World Wide Web  
Groupware and the narrowcasting model  
*Anyone, Anytime, Anywhere*  
*Information Highway*  
GPS  
Ubiquity of personal computers  
Free software  
Y2K Bug  
Digitization of production and distribution  
Explosion of mobility / mobile devices  
WiFi, RFID, cellular telephone  
Consumer electronics  
Special effects in cinema  
Semantic Web  
\$ 100 Laptop computer  
Home Theater, iPod, PM3  
3rd-generation video games  
Social networks  
Google Maps, Map Quest  
Wii, iPhone  
*Computing Cloud*

### Postindustrial 4 :

### A synthesis of the technological dimension

## Postindustrial 5

### A synthesis of the economical dimension



## Postindustrial 6 : A synthesis of the societal dimension

