



Entrepreneurs in the Age of Artificial Intelligence

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Most business and entrepreneurial models developed in the late 20th century include some Internet application. However, fast emerging quantum and digital information technologies will in the coming decade provide dramatic changes and even a new paradigm. The quantum computing is billion (yes, 1'000'000'000) times faster than present computers, hence all passwords are 'open', and by ≈ 2030 s the artificial intelligence systems (and human-like robots) will on average surpass humans (= 'Kurzweil singularity')! While the business at the speed of thought becomes an operational reality, numerous new business opportunities will emerge. I will critically examine some of the key trends and provide few concrete examples, specifically chosen for ambitious, visionary entrepreneurs.

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M.Sc. in Physics in Zagreb, (Croatia, 1977); Ph.D. in Quantum Physics under Sydney Dugdale, President of the SRC (UK, 1982). After 3 years in CNRS (Grenoble), CSIRO Australia and in USA, since 1986. Is permanently at the Swiss Federal Institute of Technology at Lausanne (EPFL). Main research on complexity and (macroscopic) quantum phenomena. A textbook on superconductivity (1992) used in ≈ 4000 courses worldwide! More than >235 cc articles, 35 reviews, 25 edited professional books, co-organizer of 32 international conferences and 7 summer schools. More than hundred colloquia in leading institutions worldwide and as many invited conference talks; hundreds of public lectures. Adviser to 36 government agencies and advanced high-tech companies worldwide. Tesla World Foundation President. Keen jazz guitar player ☺