



## Kenneth Joseph Arrow



New York, USA, 23 August 1921 - Palo Alto, USA, 21 February 2017

**Nomination** 19 January 1994

**Field** Economics

**Title** Professor Emeritus

### Most important awards, prizes and academies

John Bates Clark Medal (American Economic Association), 1957; Nobel Memorial Prize in Economic Science, 1972; Second Class Order of the Rising Sun, Japan, 1984; von Neumann Prize, 1986; National Medal of Science (USA), 2004. 21 Honorary Doctorates; Doctorate "Honoris Causa" in Economic and Commerce (Università Cattolica del Sacro Cuore, Milan 1994); Econometric Society (Fellow, President 1956); American Economic Association (Distinguished Fellow, President 1973); International Economic Association (President 1983-1986); Member of the National Academy of Sciences; Foreign Honorary Member of the Finnish Academy of Sciences; Corresponding Member of the British Academy; Foreign Member, Royal Society (UK).

### Summary of scientific research

Major research topics: social choice theory, general competitive equilibrium, inventory analysis, medical economics, economics of innovation, economics of information, economics of growth and climate change.

### Main publications

*Social Choice and Individual Values* (1951, 1963); *Studies in the Mathematical Theory of Inventory and Production* (with S. Karlin and H. Scarf, 1958); *Studies in Linear and Nonlinear Programming* (with L. Hurwicz and H. Uzawa, 1958); *A Time Series Analysis of Inter-industry Demands* (with M. Hoffenberg, 1959); *Public Investment: The Rate of Return and Optimal Fiscal Policy* (with M. Kurz, 1970); *General Competitive Analysis* (with F.H. Hahn, 1971); *Essays in the Theory of Risk-Bearing* (1971); *The Limits of Organization* (1973); *Studies in Resource Allocation Processes* (with L. Hurwicz, 1977); *Collected papers* (1983-5); *Social Choice and Multicriteria Decision Making* (with H. Raynaud, 1985); About 270 papers in learned journals.