

HELGA NOWOTNY

**Professor emerita of Science and Technology Studies at ETH Zurich
and former president, European Research Council, Austria**



Helga Nowotny is Professor emerita of Science and Technology Studies at ETH Zurich and Former President of the European Research Council. Currently she is NTU Visiting Professor and actively engaged in many scientific advisory bodies in Europe. Among other, she chairs the ERA Council Forum Austria and the Scientific Advisory Board of the Complexity Science Hub Vienna. She is a member of the Board of the Falling Walls Foundation, Berlin and Vice-President of the Lindau Nobel Laureate

Meetings.

In 2017 she received a doctorate honoris causa from Nanyang Technological University; the Gold Medal of the Academia Europaea and the British Academy President's Medal; following a long list of previously received distinguished awards. Her latest book publications are *The Cunning of Uncertainty* (Polity, 2015) and *An Orderly Mess* (CEU Press, 2017).

Timescapes of complexity

The notion of timescapes (Barbara Adams) alerts us to the multidimensionality of time. It seeks to capture the entanglement of different co-existing form of time and the intersections of socio-physical and cultural temporal orders. I will focus on three timescapes of complexity: (1) the timescape of imagined futures as manifest in the ubiquitous quest for technological innovation (2) the timescape of a nostalgic return to the past as evident in the rise of populist and nationalistic political movements in Europe (3) the timescape of the interface of the present based on real data in ,what if...' simulations of possible outcomes in the immediate future. While the directionality, modality and framing of these timescapes differ, they share different degrees of performativity, i.e. the capacity to influence social outcomes.