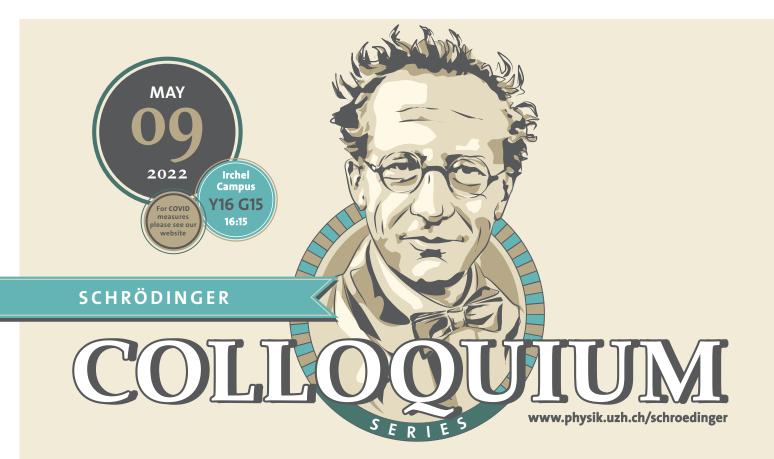


Faculty of Science



PROF. NICOLA SPALDIN ETH Zürich New Materials for a New Age

Every advance in human civilization, from the Stone Age to today's Silicon Age, has been driven by a development in materials. I will discuss how so-called Quantum Materials, with their highly non-classical behaviors that

require Schrödinger's famous equation for their description, are both a playground for exploring exciting fundamental physics, and a potential enabler of transformative beyond-silicon technologies.



A series of special physics colloquia in honor of Erwin Schrödinger, who was a professor at UZH from 1921 – 1927. Lectures are intended for a broad audience from the Faculty of Science, aiming at experts and non-experts.