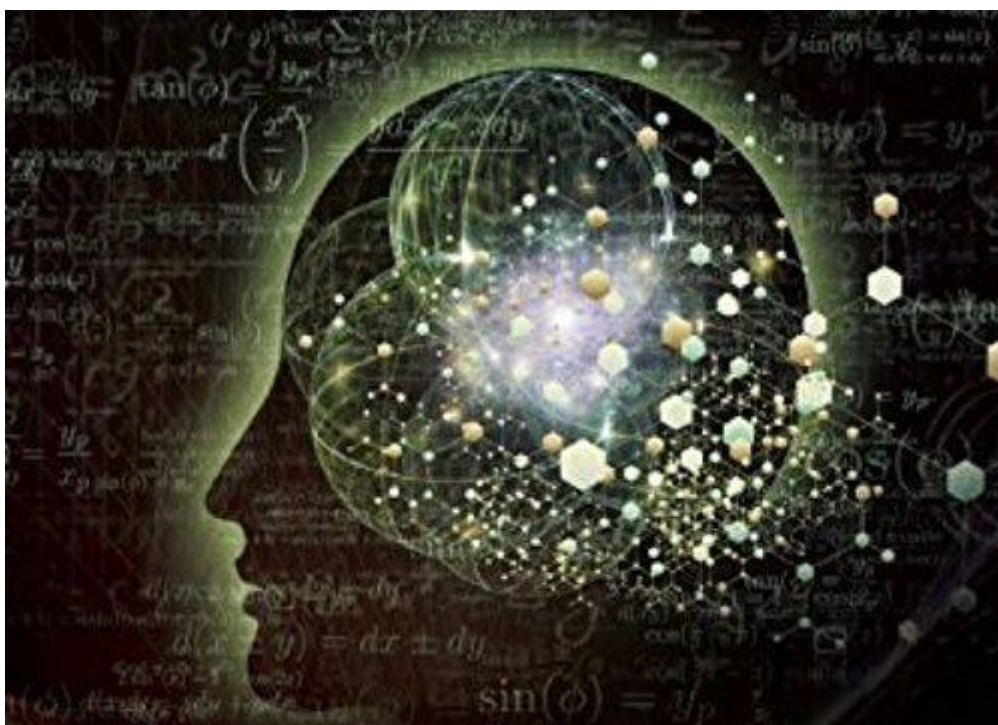


THE QUANTUM RULES:

THE LAWS OF PHYSICS APPLIED TO EVERYDAY LIFE

Populární přednáška v anglickém jazyce

26. 11. 2015, 10:30, učebna LP-1034, PŘF UP



Abstract: It is commonly assumed that the laws of the physical universe operate differently from those that govern our lives at an interpersonal and socio-economic level. It is also widely believed that ideas of quantum physics are too complex for the non-specialist. This lecture aims to prove both of these beliefs wrong. Based on the internationally available popular science book written by the speaker, *The Quantum Rules*, the lecture will illustrate that the fundamental laws of physics can be used to explain much about our lives, spanning every aspect of the human experience. Relating the rules of life to the unchanging natural laws offers, on one hand, a new and intrinsically objective perspective on our lives; and on the other hand, it makes the abstract concepts of quantum physics easy to understand and appreciate because they are framed in terms of familiar life issues that we can all relate to.

Kunal K. Das is a Professor of Physics and an active researcher in the fields of Nanotechnology and Ultracold Atoms with ongoing funding from the U.S. National Science Foundation. He has authored dozens of refereed journal publications and has held teaching and research appointments at several institutions including SUNY, Penn State, Fordham, Optical Sciences Center, and the Harvard-Smithsonian Center for Astrophysics. He is currently a Full Professor at the Kutztown University of Pennsylvania and a Scholar of the Kavli Institute of Theoretical Physics at the University of California, Santa Barbara.

