EmQM15 - Emergent Quantum Mechanics 2015

OCTOBER 23rd-25th 2015, VIENNA http://www.emqm15.org

Yakir Aharonov

back to namelist

Yakir Aharonov

Tel Aviv University, IL, and Chapman University, Orange, USA

Time Symmetric Reformulation of Quantum Mechanics

I will begin my talk with a brief review of Weak Measurements and Weak Values. I will then discuss some recent developments in this field, and, in particular, the discovery that the classical limit of rare pre- and post-selected quantum systems has very novel and exciting properties. I will conclude the talk by discussing a straight forward generalization of Quantum Mechanics that solves the measurement problem and thus gets rid of the many-world interpretation of Quantum Mechanics.

Download abstract pdf



1/1