

WORKSHOP

News in Foundations of Quantum Mechanics ESOF2010 satellite event

Purpose of this Workshop is to foster a debate among some of the leading scientists in the field of Foundations of Quantum Mechanics, a field that in the recent years has blossomed again also thank to the connection with the development of quantum technologies.

July 2nd 2010

Istituto Nazionale di Ricerca Metrologica (INRiM)
Conference Hall
Strada delle Cacce, 91
Turin, Italy

Programme

h. 13:50 – 14:00	Welcome address
Session I Chairman: Gian Carlo Ghirardi	
h. 14:00 – 14:40	Marco Genovese Istituto Nazionale di Ricerca Metrologica <i>On the experimental tests of foundations of quantum mechanics</i>
h. 14:40 – 15:20	Gerard 't Hooft Spinoza Instituut <i>Quantum mechanics, discretization and local determinism</i>
h. 15:20 – 16:00	Maria Luisa Dalla Chiara Università degli Studi di Firenze, Dip.to di Filosofia <i>How quantum information has challenged and changed logical semantics</i>
h. 16:00 - 16:30	<i>Coffee break</i>
Session II Chairman: Gerard 't Hooft	
h. 16:30 - 17:10	Gian Carlo Ghirardi Università degli Studi di Trieste, Dip.to di Fisica - INFN <i>Can the reduction process peacefully coexist with special relativity?</i>
h. 17:10 – 17:50	Augusto Garuccio Università degli Studi di Bari, Dip.to Interateneo di Fisica <i>Local Realistic Models</i>
h. 17:50 – 18:30	Nino Zanghì Università degli Studi di Genova, Dip.to di Fisica - INFN <i>De Broglie-Bohm model</i>