



*Università di Pisa*  
*Scuola di Dottorato*  
*Galileo Galilei*  
*School of Graduate Studies*

## *COLLOQUIO GALILEIANO*

*Prof. Leonard Susskind*

*Stanford Univ. - California*

### *"The Black Hole War"*

*"In 1976 Stephen Hawking discovered an apparent clash between the principles of quantum mechanics and the Equivalence Principle. The conflict threatened to undermine the basis of almost all physics, from thermodynamics to the relation between symmetries and conservation laws. Unraveling the paradox has led to a paradigm shift and the creation of new tools for problems ranging from black holes to nuclear physics"*

*Martedì 9 Settembre 2008 - ore 15:00*  
*Sala Gerace - Dipartimento di Informatica*  
*II piano - Ed. C*