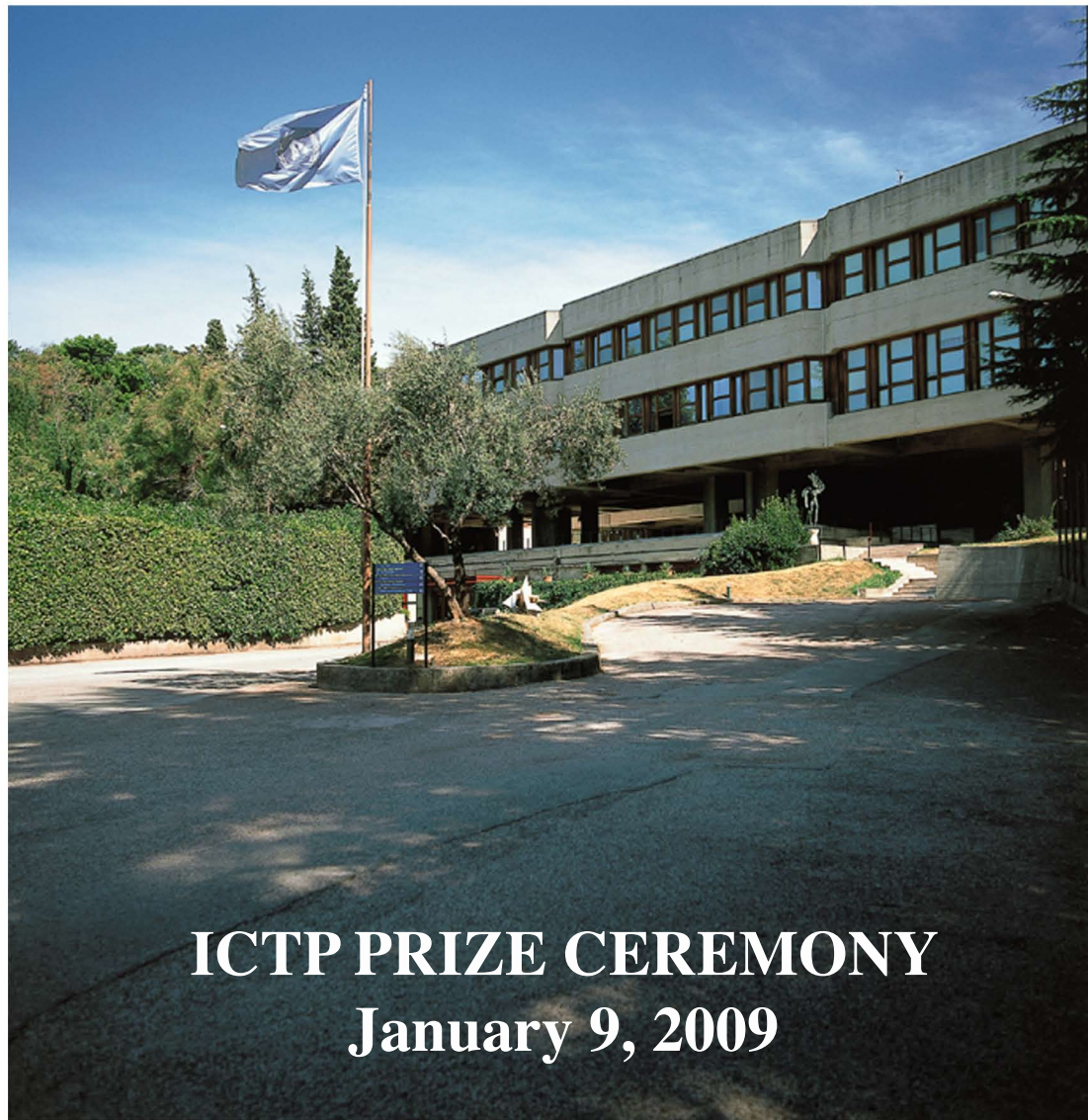




*The Abdus Salam
International Centre for Theoretical Physics*



ICTP PRIZE CEREMONY
January 9, 2009

2008 ICTP PRIZE

Citation

The 2008 ICTP Prize in honour of Pierre Gilles De Gennes is awarded to Abhishek Dhar and Zhong Fang.

Abhishek Dhar is Associate Professor at the Raman Research Institute, Bangalore. He has made outstanding contributions to non-equilibrium statistical mechanics of transport and fluctuation phenomena, classical as well as quantum mechanical. His exact and insightful results have clarified subtle issues, and corrected several misconceptions, especially about heat conduction.

Zhong Fang is Professor and Director of the Center for Quantum Simulation Sciences, Institute of Physics, Chinese Academy of Sciences. He is being recognized for his theoretical and computational work on the origin of anomalous Hall effect, and for his significant contributions to the understanding of spin and orbital physics in transition metal oxides.

Pierre Gilles De Gennes (1932-2007) was one of the most influential theoretical physicists of his time. His work spanned a wide variety of subjects in condensed matter theory and statistical physics, and has pushed forward the frontiers of phenomena such as liquid crystals and polymer physics. He was awarded the 1991 Nobel Prize in Physics "for discovering that methods developed for studying order phenomena in simple systems can be generalized to more complex forms of matter, in particular to liquid crystals and polymer".

2008 ICTP Prize Committee

P. Creminelli
L. Göttsche
F. Kucharski
M. Marsili (Chairman)

The 2008 ICTP Prize in honour of Pierre Gilles De Gennes

will be awarded to

Abhishek Dhar

Theoretical Physics Group
Raman Research Institute, Bangalore, India

and

Zhong Fang

Center for Quantum Simulation Sciences
Institute of Physics, Beijing, China

on

Friday, January 9, 2009

in the Main Lecture Hall of the ICTP Main Building
at 8:50 hrs

- 8:50 Welcome address by Professor K.R. Sreenivasan, Director
Presentation of the 2008 ICTP Prize
- 9:35 **2008 ICTP Prize Lecture by Zhong Fang**
LDA+Gutzwiller Method for Correlated Electron Systems
- 10:10 **2008 ICTP Prize Lecture by Abhishek Dhar**
Green-Kubo Formula for Heat Conduction in Open Systems

All are most cordially invited to attend