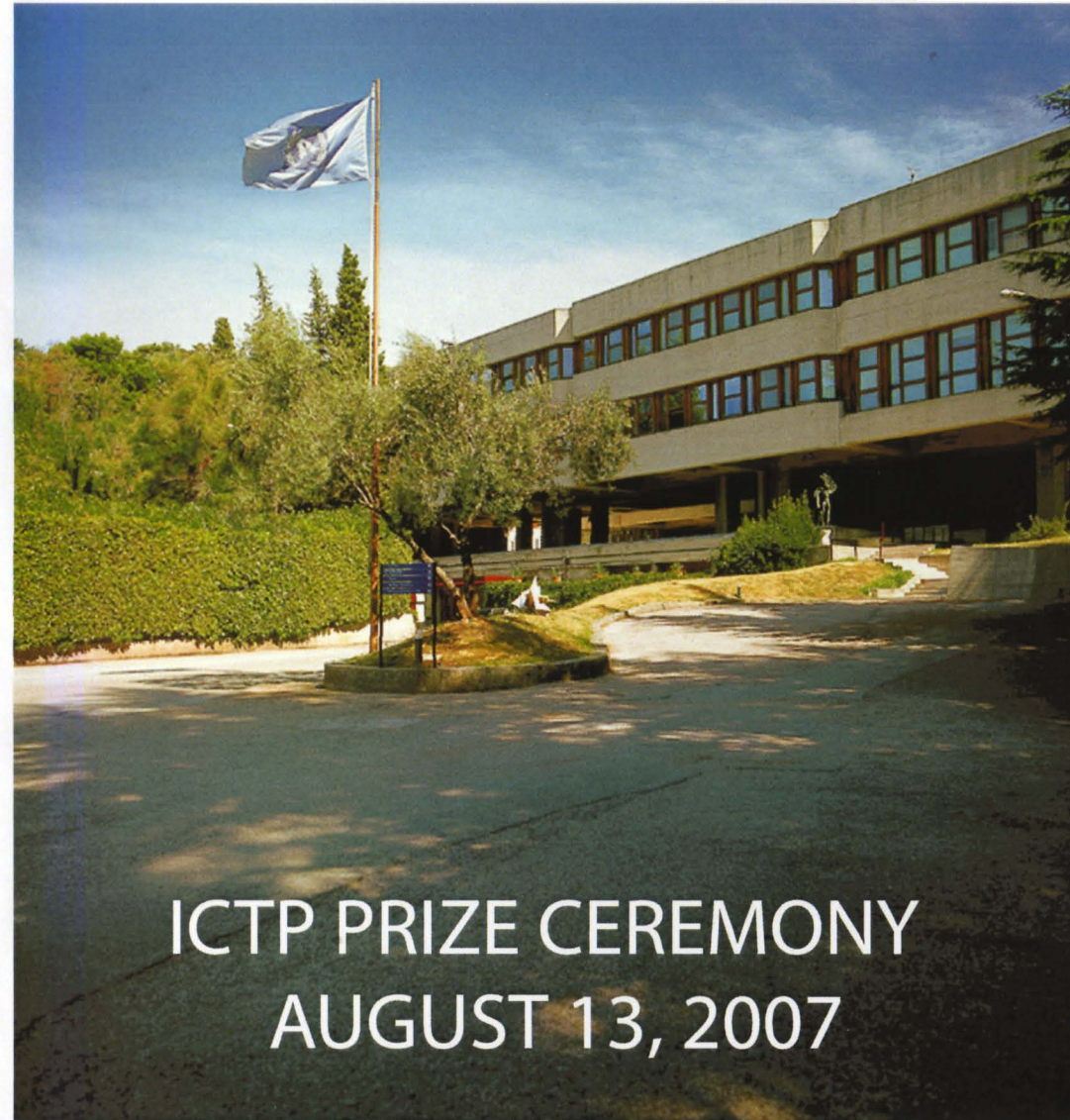




The Abdus Salam
International Centre for Theoretical Physics



ICTP PRIZE CEREMONY
AUGUST 13, 2007

RAJESH GOPAKUMAR
Citation

Rajesh Gopakumar is a highly accomplished string theorist whose influential research encompasses many different areas of string theory and field theory.

His important contributions include papers on large N gauge theories, solitons in noncommutative field theories and topological string theory. His work on the latter topic with Vafa inspired the theory of Gopakumar-Vafa invariants in mathematics. More recently he has pioneered a program to understand the free field limit of the correspondence between quantum field theories and gravitational systems in one higher dimension.

The 2006 ICTP Prize is named after Gian-Carlo Wick, a renowned theoretical physicist who divided his life between Italy and the United States and made many important contributions to nuclear and particle physics, including the Wick theorem and the Wick rotation. Wick visited ICTP in 1973 to participate in the Topical Meeting on Weak Interactions.

ICTP Prize Committee
Bobby Acharya
Silvio Franz
Ramadas Ramakrishnan
Bi Xunqiang

**The 2006 ICTP Prize
in honour of Gian-Carlo Wick**

will be awarded to

Rajesh Gopakumar
Harish-Chandra Research Institute, Allahabad, India

on

Monday, August 13, 2007
in the Main Lecture Hall of the ICTP Main Building
at 11:30 hrs.

11:30 Welcome address by Professor K.R. Sreenivasan
Director of the Abdus Salam ICTP

Presentation of the 2006 ICTP Prize by
Professor Zensho Yoshida
The University of Tokyo, Japan

2006 ICTP Prize Lecture by Professor Rajesh Gopakumar
"From Fields to Strings"

Abstract: In this talk I will outline a research program which attempts to understand the deep connection between quantum field theories and string theories, from first principles. After describing the motivation for this study, I will briefly sketch how this connection might be made. The basic idea will be a reorganisation of the worldline Feynman diagrams of the field theory into worldsheets of the dual string description.

All are most cordially invited to attend.