

PHD HONORIS CAUSA CEREMONY

CARLOS BUSTAMANTE

A Journey Through Cellular
Processes, One Molecule
at the Time

WHEN

25th JUNE 2015
AT 11 A.M.

WHERE

SISSA
Aula Magna "P. Budinich"
(Main Lecture Hall)
Via Bonomea, 265
Trieste

INFO

040 3787 581
segreteria@siissa.it

PROGRAMME

11.00 Introduction by the Director of SISSA, Guido Martinelli	11.40 <i>Lectio Magistralis</i> by Carlos J. Bustamante
11.10 Greetings by the local Authorities	12.40 Delivery of Honorary Degree by Guido Martinelli
11.20 <i>Laudatio</i> by Giuseppe Legname	12.45 Toast

CARLOS BUSTAMANTE

Carlos Bustamante pioneering work on single molecule approach to study cellular processes has opened new ways to study biology. Through the use of so called optical tweezers he has achieved a detailed description of how molecules interact with each other one by one. His fundamental contribution to the understanding of biological events has lead, among many, to the detailed description of forces involved in DNA packaging inside a viral particle and how nascent protein chain is controlled by elongation friction on a ribosome.

