

***Honorary Doctorate Award Ceremony
for Prof. H. Eugene Stanley
IMT Alti Studi Lucca, October 22nd , 2012***

**Introductory remarks of Director
Prof. Fabio Pammolli**

It is a great honor for me to be here today to award Professor Stanley an honorary doctorate from IMT. Professor Stanley is considered one of the founding fathers of Econophysics, an interdisciplinary field which combines empirically driven methods from statistical physics towards the goal of better understanding the structure and behavior of complex economic systems. He is co-author of the seminal book "Introduction to Econophysics: Correlations & Complexity in Finance", which has been translated into 5 languages.

With 183 publications in this topic area alone, Professor Stanley has provided numerous insights into the fragilities of interdependent financial systems and has become a world leader in communicating the quantitative patterns behind the market bubbles and the market crashes which can trigger global financial crisis.

His achievements in academic leadership include the Massachusetts Professor of the Year in 1992, the National Science Foundation Distinguished Teacher-Scholar Prize in 2001, and dedication to mentorship demonstrated by the supervision of over 90 PhDs.

Professor Stanley's contributions to science can be summarized by both his productivity and his impact, having co-authored more than 1,100 peer-reviewed articles which together have accumulated more than 53,000 citations, together comprising an Hirsch h-index of 113.

In addition to the seminal monograph "Introduction to Phase Transitions & Critical Phenomena" published in 1971, he has also co-authored 27 additional books.

For these scientific foundations he was awarded the American Physical Society Julius Edgar Lilienfeld Prize in 2008, the IUPAP Boltzmann Medal in 2004, and elected a member of the National Academy of Sciences USA in 2004.

He has also taken on the humanitarian issue of gender equality in science, for which he was awarded the American Physical Society Nicholson Medal in 2003.

For his contributions to science, his leadership within the community of statistical physics, his role as a groundbreaker in the emerging interdisciplinary science of complex economic systems

Upon recommendation of the Executive and Academic Councils and by authority of the Ministry of Education of the Italian Government

I hereby confer upon you the degree of Doctor of Philosophy honoris causa in Economics, Markets,
Institutions

I now invite Professor Stanley to give his lectio doctoralis entitled "THE NEW SCIENCE OF ECONOPHYSICS"