MARQUIS Who's Who®

DR. ERNESTO MAZZUCATO

Physicist

A Timeline of Professional Milestones

1937
Born to Egisto Mazzucato and Palmira (Nalesso) Mazzucato in Padua, Italy.

1960
Earns a Doctor of Philosophy in physics from the University of Padua.

1960
Is a research physicist for the National Committee for Nuclear Energy in Rome, Italy until 1972.

1964
Marries Alessandra Bardella on July 18.

1966
Conducts first experiment on Laser Fusion.

1968
First measurement of the Electron Temperature in a Fusion Reactor using Laser Light.

1970
Libero docente in plasma physics at the University of Rome.

1972
Immigrates to the United States.

1972
Is a distinguished research fellow and principal research physicist at the Princeton Plasma Physics Laboratory in Princeton, NJ until 2014.

1976
Detects first Micro Turbulence in a Fusion Reactor.

1993
Becomes a naturalized citizen.

2008
Finds evidence of the existence of Electron Turbulent Eddies in Fusion Reactors.

2014
Publishes "Electro-magnetic Waves for Thermonuclear Fusion Research," in World Scientific.

2021
Proposes an almost Neutronless Fusion Reactor.

2022
Maintains fellow status with the American Physical Society.