

CURRICULUM VITAE ENZO BERTOLINI (BRIEF SUMMARY)

Enzo Bertolini graduated in Electrical Engineering and subsequently in Applied Nuclear Physics at the University of Padova (Italy) in 1959. He then started his research work at CERN (Genève, CH) in the field of High Energy Physics. In 1962 he moved to Frascati (ENEA, Italy) to work in the fields of Plasma Physics and of the Direct Energy Conversion into Electricity with a Magnetic-Hydrodynamic Generator. From 1973 to 1997 he has been a member of the Directorate of the JET Project of the European Union (United Kingdom), where eventually he became Chief Engineer of the Project. JET is the most important experiment in the World for the study of fusion energy, the energy of the sun and the stars (where the fuel is hydrogen). The 9th of November 1991, JET produced 1.7MW of fusion power for the first time on Earth, reaching a level of 16MW in 1997. These results have been instrumental to launch an unprecedented world-wide cooperation for the design and the construction of ITER (International Tokamak Experimental Reactor), which should prove the feasibility of a thermonuclear reactor for the production of electricity for Mankind.



In his fields of research, he has presented at International Conferences and/or published on International Journals, more than 120 scientific papers.

In 1969 Enzo Bertolini started his collaboration with the University of California USA (Davis Campus and Santa Barbara Campus), first as Visiting Professor and from 1988 as Adjunct Professor, teaching in the field of Energy Conversion.

From 1999 to 2007 Enzo Bertolini has served as consultant of the Government of South Korea, in the field of fusion energy. Moreover he has been on Scientific and Technical Committees at CERN (Genève), at ASI (Italian Space Agency), and he is now an Evaluator of the research proposals for the UE Research Programme in the areas of his competence. From 2001 to 2005 he has been a Member of Regional Committee for Communications (Valle d'Aosta, Italy) and since 2006 he is the Director of the 'Fondazione C. Fillietroz' (Valle d'Aosta), operating the Astronomical Observatory and the Planetarium.