

CARLOS ALEJALDRE LOSILLA

Director General of CIEMAT (Centre for Energy, Environment and Technology Research).

Functions

Carlos Alejaldre is head of CIEMAT, a Public Research Organisation assigned to the Ministry of Science and Innovation through the General Secretariat of Research, focusing mainly on energy and environment domains and the technological fields related to both.

Other positions

Executive Director of the Commission for the Implementation of IFMIF-DONES in Spain. Ministry of Science, Innovation and Universities.

Academic background

1983: PhD in Electrophysics, Polytechnic Institute of New York.

Professional experience

1978 – 1986: Researcher at the Polytechnic Institute of New York, where he worked as a professor until his return to Spain after eight years in New York.

1987- 1992: Head of the Plasma Theory and Simulation Unit. CIEMAT Fusion Division.

1992 – 2004: Director of the National Laboratory of Magnetic Confinement Fusion (CIEMAT) where the scientific-technological exploitation of the TJ-II fusion "Singular Scientific Facility" was built and is carried out.

2001 – 2003: Technical Director of the candidature to install ITER in Spain.

2004 – 2006: General Director of Technology Policy. Ministry of Education and Science.

2006 – 2015: Deputy Director General. ITER International Organisation. France.



2016 – 2018: President of the Advisory Commission for Singular Installations (CAIS). Ministry of Science, Innovation and Universities.

Since 2018: Director General of CIEMAT.

Other responsibilities:

1994 – 2000: Member of the Board of the Plasma Physics Division of the European Physical Society.

1996 – 2000 (year of its dissolution): Member of the JET Scientific Council.

1999 – 2004: Chairman of the European Fusion Science and Technology Advisory Committee.

2002 – 2006: Chairman of the Executive Committee for the Implementing Agreement for the Stellarator Concept of the International Energy Agency.

2002 – 2008: Member of the Max-Planck Institute for Plasma Physics Advisory Board (Fachbeirat).

2004 – 2009: Member of the International Fusion Research Council of the International Atomic Energy Agency.

2004 – 2012: Member of the United Kingdom Engineering and Research Council, Fusion Advisory Board.

2006: Vice-Chairman of the European Strategic Forum for Research Infrastructures.

Former Chairman of the JET-EP Ad-Hoc Group, European member of the ITER Review Board (Physics), as well as member of the evaluation teams of the most important European fusion projects: Joint Working Group, Wendelstein 7X, Textor ED, etc.

Further information

He has published numerous research and dissemination works in the most prestigious international journals and has given conferences on fusion all over the world.

Awarded the *Encomienda de la Orden de Isabel la Católica* and the *Encomienda con Placa de la Orden Civil de Alfonso X el Sabio*. "Carlos Sanchez del Río" Research Award of the Spanish Nuclear Society.

He speaks Spanish, English and French.