

Huguet Michel
Curriculum Vitae

Personal

Degree and Doctorate

- Electrical engineering diploma: Ecole Supérieure d'Electricité, Paris, France, 1964.
- Doctorate: High resolution gamma ray spectroscopy and application to the study of the disintegration of ^{56}Co , University of Nice, France, 1967.

French Military Service: Laboratoire Central de l'Armement (1968)

Professional Career

Fusion research at Commissariat à l'Energie Atomique, France

1969/73 Research Engineer at Commissariat à l'Energie Atomique, Fontenay aux Roses, France.
Design, construction, commissioning and operation of the magnet system and structures of the TFR Tokamak.

European fusion project JET

1973/78 JET Project design team: Group Leader, Culham, UK.
Design & development of the JET toroidal field magnet system.

1978/83 JET Project construction phase: Head of Magnet Division, Culham, UK.
Procurement, assembly and commissioning of all JET magnets and associated services.
Responsible for the whole Tokamak assembly & commissioning.

1983/85 JET Project operation phase: Head of Torus Division, Culham, UK.
First wall, vacuum vessel, magnets & machine operation services.

1985/92 JET Associate Director and Head of Machine and Development Department, Culham, UK.
JET Tokamak, power supplies, remote handling & tritium plant.

Fusion project ITER

1992/2003 ITER Engineering Design Activities (EDA): Deputy Director and Head of Naka ITER Joint Work Site. ITER Central Team, Naka, Japan.
Ex-vessel systems including magnets, cryostat, thermal shields, plasma control, neutral beams, cryoplant, water cooling, tritium plant, remote handling, buildings.

June 2003 Retirement

Main consulting activities

Consultancy activities at ITER project (France, Cadarache):

2005-2006: Chairman of Magnet Review Group
2006-2008: Chairman of Technical Advisory Group reporting to the Technical Director
2006 to date: Chairman of design reviews (magnets and assembly)

Consultancy activities at EUROfusion (Garching, Germany)

2015 to 2020: Engineering Grant panel review

2008 to 2020: Chairman of DEMO magnet review group

2017 to 2019: Technical Review group for the NSTX-U project (USA, Princeton Plasma Physics Laboratory)

2004-2008 Technical consultant to the W7X Project (Prof. F. Wagner)

2005, 7 & 9 Member of the EAST Project International Review Committee (China, Hefei),

2007, 2009 Technical consultant to KSTAR project (Korea, Daejeon).

Teaching

1990, 2 & 4 University of California at Santa Barbara: Fusion course; one term shared with two JET colleagues

2007 to date Université de Provence, Marseille Saint Jérôme: Participation to a Master course on fusion technology