

**PERSONAL INFORMATION** Macarena Liniers Vazquez  
Madrid 19.05.1956, married no children

**WORK EXPERIENCE**

- 2004-2015 **Head of the Neutral Beam Injection Unit**  
CIEMAT
- 1995-2004 **Project Leader: Neutral Beams for the TJ-II stellarator (Madrid)**  
CIEMAT
- 1988-1995 **Scientist, Fusion Division**  
CIEMAT
- 1980-1988 **Assistant professor**  
Faculty of Physical Sciences, Complutense University Madrid
- 1978-1980 **French Government Fellowship**  
USTL (Université des Sciences et Techniques du Languedoc) Montpellier, France

**EDUCATION AND TRAINING**

- 1987 **PhD Physics**  
Complutense University, Madrid  
Magnetic materials
- 1978 **MSc Physics**  
Complutense University, Madrid  
Fundamental Physics

**ADDITIONAL INFORMATION**

- Publications** >80 scientific articles.  
Supervisor of 1 PhD thesis and 1 Erasmus Mundus Master Thesis  
Frequent reviewer of Elsevier  
Project assessment for Spanish National Project Evaluation Agency
- I+D Projects**
- 1996-2001: Redeployment of ORNL Neutral Beam Injectors at TJ-II (Project leader)
  - 1997-2003 Construction and Commissioning of two Neutral Beam Injectors at the Stellarator TJ-II (Project leader, Euratom Preferential Support (EUR FU (97) CCFP 74/8.5)
  - 2014-2016 Principal Investigator (Spanish I+D Project ENE2013-48679-R)
  - 2000-2013 Participation in I+D Projects on TJ-II Plasma Physics
- Conferences**
- >80 Scientific and engineering works presented at SOFT, EPS, IAEA, etc
  - 1 Invited talk at lawpp14 (Latin American Workshop for Plasma Physics)
- Seminars**
- Lecturer at University Complutense, Madrid
- EFDA Tasks**
- 2004 - 2006 : "The first ITER NB Injector and the ITER NB Test Facility: progress in the design"  
EFDA Task: TW4-THHN-IITF2  
Contract NO: EFDA/04-1186 (FU06-CT-2004-00138)
  - 2006 - 2008 "ITER Neutral Beam Remote Maintenance System Design"; EFDA Task: TW6-TVR-NBRH  
Contract NO: EFDA/06-1456 (FU06-CT-2006-00142)
  - 2006 - 2008 "Design Activities for the First ITER NB Injector"; EFDA Task: TW6-THHN-NBD1  
Contract NO: EFDA/06-1503 (FU06-CT-2006-00414)