

Curriculum vitae for Francesco Volpe

Nationality: Italian

Born: Napoli, Italy, 19th April 1974

Education

2003 Ph.D. in Exp.Physics, Ernst Moritz Arndt Universität Greifswald (Germany), *Summa cum Laude*

1998 “Laurea” (M.Sc.) in Physics, University of Pisa (Italy), *110 out of 110 cum Laude*

Employment

2009	<i>Assistant Professor</i>	Engineering Physics Dept, University of Wisconsin, Madison, U.S.A.
2008	<i>Staff Physicist</i>	Max-Planck-Institut für Plasmaphysik (IPP), Garching, Germany
2006 -08	<i>Visitor/Post-doc</i>	General Atomics, San Diego, U.S.A.
2006	<i>Adv. Training Scholarship</i>	Max-Planck-Institut für Plasmaphysik (IPP), Greifswald, Germany
2004 -05	<i>Physicist, Fircroft</i>	UKAEA Fusion, Culham, U.K.
2002 -04	<i>Post-doc</i>	UKAEA Fusion, Culham, U.K.
1998 -02	<i>PhD student</i>	Max-Planck-Institut für Plasmaphysik (IPP), Garching, Germany
1998	<i>Borsista (Scholar)</i>	Consorzio di Magnetofluidodinamica, University of Trieste, Italy
1997 -98	<i>Undergraduate student</i>	ENEA Laboratory for Energy Research, Frascati, Italy

Fellowships and awards

2007 Oak Ridge Associated Universities (ORAU) Fellowship

2003 Otto-Hahn Medal of the Max-Planck Gesellschaft (MPG)

2002 Marie Curie Individual Fellowship, European Commission

Research

Plasma Physics and Magnetic Confinement Fusion (Tokamaks and Stellarators) both experimentally and via numerical modelling, with emphasis on:

- Microwave Heating, Current Drive and Diagnostics
- Magnetohydrodynamic Instabilities and their Control

List of publication available at <http://silver.neep.wisc.edu/~volpe/Publ/1Pub.pdf>:

- 4 invited talks at international conferences
- 29 refereed publications
- 69 papers in conference proceedings and other publications

Service

- Regular **referee** for *Nucl. Fusion* and for *Plasma Phys. Contr. Fusion*. Occasional referee for another four journals and for the Czech Science Foundation.
- **Advised** 2 undergraduate students at General Atomics (2007-09) and 4 undergraduate students at IPP Garching, Germany (2000-01). Currently advising 1 graduate student at the University of Wisconsin, Madison.
- **Lectured** on “Plasma Waves and Heating” at the IPP Summer University on Plasma Physics and Fusion Research, 22-26 Sept. 2008 Garching (Germany).
- **Outreach**: served as “Scientist in the Classroom” (California, 2006-07) and as a guide to the MAST and COMPASS tokamaks (Culham, U.K., 2004-05).

Languages

Italian (mother tongue), English (fluent), German (fluent), Spanish (intermediate).

August 19, 2009