

PERSONAL INFORMATION Ambrogio Fasoli

## WORK EXPERIENCE

2014-present	<b>Director</b> Center for Research in Plasma Physics, EPFL, Lausanne, Switzerland
2007-2014	<b>Executive Director</b> Center for Research in Plasma Physics, EPFL, Lausanne, Switzerland
2005-present	<b>Professor of Physics</b> Basic Science Faculty, EPFL, Lausanne, Switzerland
2006-2014	<b>Deputy Director</b> Center for Research in Plasma Physics, EPFL, Lausanne, Switzerland
2001-present	<b>Head of the TCV Tokamak</b> Center for Research in Plasma Physics, EPFL, Lausanne, Switzerland
2001-2013	<b>Head of CRPP Basic Plasma Physics Group</b> Center for Research in Plasma Physics, EPFL, Lausanne, Switzerland
2001-2005	<b>Tenure-track Assistant Professor of Physics</b> Basic Science Faculty, EPFL, Lausanne, Switzerland
2001-2008	<b>Visiting Professor</b> Massachusetts Institute of Technology, Cambridge, MA, USA
1998-2001	<b>Head of Basic Plasma Physics Group</b> Plasma Science and Fusion Center, MIT, Cambridge, MA, USA
1998-2001	<b>Tenure-track Assistant Professor of Physics</b> Massachusetts Institute of Technology, Cambridge, MA, USA
1993-1997	<b>Research Scientist</b> JET Joint Undertaking, Oxford, UK

## EDUCATION AND TRAINING

1989-1993	<b>Ph.D. in Physics</b> EPFL, Switzerland
1984-1988	<b>Master (<i>Laurea</i>) in Physics</b> University of Milan, Italy
1979-1983	<b>Maturità classica (classical Maturity)</b> Liceo Classico A. Manzoni, Milan, Italy

## ADDITIONAL INFORMATION

<b>Professional Interests</b>	My career is dedicated to developing plasma physics and technology for the development of fusion as a sustainable energy source, and advancing our knowledge of the plasma state of matter for fusion and for astrophysical applications. As a University professor, I am deeply involved in the education and training of the young generation of fusion and plasma scientists and engineers, and have the responsibility for several courses on nuclear fusion and plasma physics at undergraduate, Master and PhD levels.
<b>Projects</b>	I am responsible for the TCV tokamak device, and, as CRPP Director, I oversee the CRPP activities in the frame of Fusion for Energy Grants.

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**Memberships**

I am a member, and a Fellow, of the American Physical Society, and of the European Physical Society, and the EU representative in International Tokamak Physics Activities group for Energetic Particles. I represent Switzerland in the IEA Fusion Power Co-ordinating Committee, in the Euratom Fusion Program Committee, and in the EUROfusion General Assembly

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**Publications and Patents****Selected publications over the past five years**

A. Bovet, A. Fasoli, and I. Furno, Phys. Rev. Lett. 113, 225001 (2014)  
F. Avino, A. Fasoli, I. Furno, Rev. Sci. Instrum. 85, 033506 (2014)  
I. Furno et al., A. Fasoli, Phys. Plasmas 21, 012305 (2014)  
A. Bovet, I. Furno, A. Fasoli et al., Plasma Phys. Control. Fusion 55, 124021 (2013)  
D. Perrone et al., A. Fasoli, Space Sci Rev. 178, 233 (2013)  
P. Martin et al., A. Fasoli, Nucl. Fusion 53 104018 (2013)  
F. Romanelli et al., A. Fasoli, Nucl. Fusion 53 104002 (2013)  
S. Sharapov et al., A. Fasoli, Nucl. Fusion 53 104022 (2013)  
A. Fasoli et al., Nucl. Fusion 53 063013 (2013)  
A. Fasoli et al., Plasma Phys. Control. Fusion 54 120201 (2012)  
W.W. Heidbrink et al., A. Fasoli, Plasma Phys. Control. Fusion 54, 124007 (2012)  
P. Ricci et al., A. Fasoli, Plasma Phys. Control. Fusion 54, 124047 (2012)  
C. Theiler et al., A. Fasoli, Phys. Plasmas 19, 082304 (2012)  
A. Bovet et al., A. Fasoli, Nucl. Fusion 52, 094017 (2012)  
K. Gustavson et al., A. Fasoli, Phys. Plasmas 19, 062306 (2012)  
C. Theiler et al., A. Fasoli, Phys. Rev. Lett. 108, 065005 (2012)  
C. Theiler et al., A. Fasoli, Phys. Plasmas 19, 082304 (2012)  
K. Gustafson et al., A. Fasoli, Phys. Rev. Lett. 108, 035006 (2012)  
D. Testa et al., A. Fasoli, Nucl. Fusion 52, 094006 (2012)  
M. Albergante et al., A. Fasoli, Nucl. Fusion 52, 094016 (2012)  
T. Paris, A. Fasoli, D. Testa, Nucl. Fusion 52, 023014 (2012)  
T. Paris, A. Fasoli, D. Testa, Nucl. Fusion 52, 023013 (2012)  
C. Theiler et al., A. Fasoli, Phys. Plasmas 18, 055901 (2011)  
I. Furno et al., A. Fasoli, Plasma Phys. Control. Fusion 53, 124016 (2011)  
I. Furno et al., A. Fasoli, Phys. Rev. Lett. 106, 245001 (2011)  
B. Labit et al., A. Fasoli, Phys. Plasmas 18, 032308 (2011)  
P. Ricci et al., A. Fasoli, Phys. Plasmas 18, 032109 (2011)  
C. Theiler et al., A. Fasoli, Rev. Sci. Instrum. 82, 013504 (2011)  
M. Albergante et al., A. Fasoli, Plasma Phys. Control. Fusion 53, 054002 (2011)  
D. Testa, et al., A. Fasoli, Fusion Engineering and Design 86, 381 (2011)  
D. Testa et al., A. Fasoli, Nucl. Fusion 51, 043009 (2011)  
S. Coda et al., A. Fasoli, Nucl. Fusion 51, 94017 (2011)  
A. Fasoli, et al., Plasma Phys. Control. Fusion 52, 124020 (2010)  
D. Irajy et al., A. Fasoli, Phys. Plasmas 17, 122304 (2010)  
D. Testa et al., A. Fasoli, Nucl. Fusion 50, 084010 (2010)  
M. Albergante et al., A. Fasoli, Nucl. Fusion 50, 084013 (2010)  
T. Paris et al., A. Fasoli, Nucl. Fusion 50, 084019 (2010)  
P. Ricci et al., A. Fasoli, Phys. Plasmas 16, 055703(2009)  
C. Theiler et al., A. Fasoli, Phys. Rev. Lett. 103, 065001 (2009)  
A. Fasoli et al., Plasma Phys. Control. Fusion 52, 075015 (2009)  
A. Fasoli et al., Nucl. Fusion 49, 104005 (2009)  
M. Albergante et al., A. Fasoli, Phys. Plasmas 16, 112301 (2009)  
L. Federspiel et al., A. Fasoli, Phys. Plasmas 16, 092501 (2009)  
F.M. Poli, M. Podestà, A. Fasoli, Rev. Sci. Instrum. 80, 053501 (2009)  
J.W. Connor, A. Fasoli et al., Nucl. Fusion 49, 047001 (2009)  
S.H. Muller et al., A. Fasoli, Plasma Phys. Control. Fusion 51, 055020 (2009)

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**Other Relevant Information**

I am the Editor in Chief of the Nuclear Fusion journal, IAEA, a member of Directorate of EPFL Basic Science Faculty, and I'm chair of the Academic Council of Fusenet, European initiative on plasma physics and fusion education

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