Simone Peruzzo, PhD

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Research fields

- Fusion Technology
- Magnetic diagnostics

Biosketch and main positions covered

Simone Peruzzo received the Master's and the PhD degrees in electrical engineering from University of Padova, Italy, in 1994 and 1998 respectively.
Since 1997 he has been employed by Consorzio RFX, Padova, Italy, performing research and development activities in fusion science and technology, focused in particular on the design and exploitation of magnetic systems (magnets and diagnostics) for fusion experiments such as RFX, JET and ITER, where he spent several medium term secondments.

- From 2001 to 2008 he was involved in two JET Enhancement Projects on Magnetic Diagnostics, acting as designer and ultimately as Project Leader.
- From 2009 to 2015 he has been involved in design of magnetic diagnostics for ITER, acting as Responsible Officer for Consorzio RFX in the framework of several contracts promoted by EFDA, Fusion for Energy and ITER-Organization.
- From 2013 to 2018 he has been Head of the "Plasma Engineering Research Group" of Consorzio RFX.
- Since 2018 he has been Project Manager of the RFXmod2 project - Design and Realization of machine upgrades for the RFX-mod experiment
- Since 2019 he has been Manager of the "Technology & Engineering Development Program" of Consorzio RFX

International collaborations

- Fusion for Energy, Barcelona, Spain
- Institut de recherche sur la fusion magnétique – CEA Cadarache, St paul les Durance, France
- ITER Organization, St. Paul-lez-Durance, France
- Joint European Torus (JET), Culham, UK
- Laboratorio Nacional de Fusión – CIEMAT, Madrid, Spain
- Swiss Plasma Center - EPFL, Lausanne, Switzerland

Summary of publications

As for September 2020, Simone Peruzzo is author or co-author of more than 100 papers in peer reviewed international journals (h-index of 20, source Scopus).