



Marco Fossa

Full professor

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Education and training

1989

MSc Mech. Engineering

110 cum laude

University of Genova - IT

1989

PhD in Thermal Engineering

University of Genova Italy

Academic experience

2017 - ONGOING

Full Professor

University of Genova Italy

2007 - 2017

Associate Professor

University of Genova Italy

Language skills

English

Proficient

French

Independent

Teaching activity

Teaching activity at the University of Genova, Italy, Faculty of Engineering (academic year 2020/2021)

Courses:

Applied Thermodynamics and Heat Transfer (6 ECTS credits),

Renewable Energy (6 ECTS credits),

Solar and Geothermal Energy (6 ECTS credits)

Clean Energy Production (6ECTS, as co-teacher)

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

Currently (a.y. 2020/2021) Prof. Fossa is Phd Tutor of 2 students (in Mech. Engineering) and Tutor of a post graduate research student ('Assegnista di Ricerca' biennale)

Research interests

Research fields.

Geothermal heat pumps and ground modelling, Solar Energy, Natural convection for Building Integrated Photovoltaic Applications, Two Phase Flow in pipes and manifolds, Frost Deposition during Natural Convection
Professor Fossa is author of about 170 scientific papers in the field of Thermal Engineering. Scopus h-index=18, Scopus citations=1100

Assignments abroad

Visiting Appointments:

The University of the New South Wales, Sydney (as Visiting Professor): 2006, 2008, 2010, 2012, 2017

Cern, Geneva: 1991, 1992, 1997-2005 (CMS particle detector project, as Research Fellow)

University of Nottingham, SChEME, 2001

ICE, Italian Embassy in Santiago de Chile, 2014 (Invited speaker at Sala de Senado de Chile, Santiago, Geothermal Heat Pumps)

MCI University Innsbruck (as Invited Professor 2018, 2019, 2020)

Other international collaborations (year 2020): University of Lyon and Insa Lyon, EdF Le Renardieres, Cern, Polytech Savoie, University of the New South Wales (Sydney), KTH Stockholm, Polytech Montreal

Member of international PhD juries:

Univ. New South Wales Sydney (2011, 2012, 2019), Univ. Sydney (2015, 2020), Univ. Tetouan (2010), Univ. Lyon 1 (2007, 2011, 2015, 2016, 2017)