



Marco Fossa

Professore ordinario

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Istruzione e formazione

1989

Laurea in Ingegneria Meccanica

110/110 e lode

1993

Dottorato di Ricerca in Fisica Tecnica

Esperienza accademica

2017 - IN CORSO

Professore Ordinario

Università di Genova

Delegato del Rettore all'Offerta Formativa Internazionale (dal 2020) Presidente del Master di II Livello "Energia e Sostenibilità" (dal 2022) Coordinatore della Magistrale in Energy Engineering (2014-2020)

2007 - 2017

Professore Associato

Università di Genova

1993 - 2007

Ricercatore Universitario

Competenze linguistiche

English

Esperto

French

Buono

Attività didattica

Teaching activity at the University of Genova, Italy, Faculty of Engineering

(academic year 2023/2024)

Courses:

Applied Thermodynamics and Heat Transfer (9 ECTS credits),

Renewable Energy (6 ECTS credits),

Solar and Geothermal Energy (6 ECTS credits)

Attività didattica e di ricerca nell'alta formazione

Supervisione di dottorandi, specializzandi, assegnisti

Year 2023: Tutor of 4 PhD students in Mech. Engineering; Tutor of 1 Postgraduate research Student ('assegno di ricerca biennale')

Partecipazione al collegio dei docenti nell'ambito di dottorati di ricerca accreditati dal Ministero

Dottorato PhD Imeg, Ingegneria Meccanica, Energetica e Gestionale (2011- 2024)

Interessi di ricerca

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 180 scientific papers in the field of Thermal Engineering. Scopus h-index=26, Scopus citations=2000

Incarichi all'estero

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 and Italian Embassy in Santiago de Chile, 2014 (invited speaker on Geothermal Heat Pumps, at Sala Senado de Chile de Santiago)

MCI University Innsbruck (as Visiting Professor 2018-2024)

ETS Montreal and Polytech Montreal (as visiting Professor, 2022)

Other international collaborations (year 2023): Université Savoie Mont Blanc, University of the New South Wales (Sydney), KTH Stockholm, Polytech Montreal, ETS Montreal

Member of international PhD juries:

Unsw Sydney (2011, 2012, 2019), University of Sydney (2015, 2020), Univ. Tetouan (2010), Univ. Lyon 1 (2007, 2011, 2015, 2016, 2017), University Fes Morocco, (2022), Université Savoie Mont Blanc (2023, 2024)

Member of International Juries for Professor positions

Univ. Lyon 1 (2014), University of the New South Wales, Sydney (2017, 2019)