



Marco Fossa

Professore ordinario

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Istruzione e formazione

1989

Laurea in Ingegneria Meccanica

110/110 e lode

1993

Dottorato in Fisica Tecnica

Esperienza accademica

2017 - IN CORSO

Professore Ordinario

Università di Genova

Coordinatore della Magistrale in Energy Engineering (2014-2020)

2007 - IN CORSO

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 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 (6 ECTS credits, as co-teacher)

Attività didattica e di ricerca nell'alta

formazione

Supervisione di dottorandi, specializzandi, assegnisti

Year 2021: Tutor of 2 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 (2011-2021)

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

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 Invited Professor 2018, 2019, 2020)

Other international collaborations (year 2016): 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)