

Francesco Devia

Researcher

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Education and training

Phd in Applied Physics (Dottorato di Ricerca in Fisica Tecnica)

Optical methods for thermo-fluid-dynamic measurements and their application to natural convection heat transfer

Università degli Studi di Genova - Genoa - IT

Academic experience

1995 - ONGOING

Researcher in Thermodynamic and heat transfer

DIME - Università degli Studi di Genova - Genoa - IT

Work experience

1993 - 1995

Technical employee

Ansaldo Energia - Genoa - IT

Teaching activity

Current Teaching activity:

- Heating Ventilating and Air Conditioning, in Master of Science in Yacht Design
- Computational Thermo-fluid-dynamic, in Master of Science in Mechanical Engineering
- Heat transfer and Thermodynamics 1 in Bachelor course in Nautical Engineering

Past Teaching activity:

- Energy Systems and Air Conditioning 1, Master of Science in Nautical Engineering
- Applied Physics 2, Master of Science in Management Engineering
- Applied Physics 1, Master of Science in Mechanical Engineering
- Energetic 1, Master of Science in Mechanical Engineering,
- Environmental Technical Equipment, Mechanical Engineering
- Lecturer for Heat engineering, Bachelor of Science in Mechanical Engineering, Energy Engineering, Diploma Course in Mechanical Engineering, Technical Physics, Master of Science in Engineering Mechanics
- Technical Physics, for the Master of Science

Research interests

Energy and exergy analysis of district heating and cogeneration plants.

(Thermal) Energy in buildings

Fire Safety Engineering & Thermal Computational Fluid Dynamics

Heat exchanger design