

Stefano Olivieri

Researcher

EDUCATION AND TRAINING

2020

Ph.D. in Fluid Dynamics and Environmental Engineering

Elastically-bounded flapping plates for flow-induced energy harvesting
University of Genoa, IT

2013

M.Sc. in Mechanical/Aeronautical Engineering

Analysis on the forces acting on particles in homogeneous isotropic turbulence
University of Genoa, IT

2010

B.Sc. in Mechanical Engineering

University of Genoa, IT

PROFESSIONAL HISTORY

2023-2024

“Profesor visitante” (Assistant Professor) and “Juan de la Cierva” Fellow

Universidad Carlos III de Madrid (UC3M), ES

2020-2022

Postdoctoral Scholar

Okinawa Institute of Science and Technology (OIST), JP

2014-2016

Research Fellow

University of Genoa, IT

EXPERIENCE

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

2023 “Aerodynamic characterisation and control of flapping wings in turbulent environments”

Project n. PID2022-142135NA-I00 (total funding 119.000€)

Agencia Estatal de Investigación (AEI), ES

2022 “Unsteady aerodynamics of flapping wings”

Project n. PID2022-142135NA-I00 (total funding 64.800€)

Agencia Estatal de Investigación (AEI), ES and European Union NextGenerationEU/PRTR

TEACHING OR RESEARCH POSITIONS (FELLOWSHIPS) AT FOREIGN UNIVERSITIES AND RESEARCH INSTITUTES

2022-2024 “Modelling in Aerospace Engineering”

B. Sc. in Aerospace Engineering

Universidad Carlos III de Madrid (UC3M), ES

2022-2024 “Aerodynamics I”

B. Sc. in Aerospace Engineering

Universidad Carlos III de Madrid (UC3M), ES

2022-2024 “Computational Aerodynamics”

M. Sc. in Aeronautical Engineering

Universidad Carlos III de Madrid (UC3M), ES

OTHER EXPERIENCES

2023 “Influence of free-stream turbulence on the aerodynamics of flapping wings”

Project n. IM-2023-1-0021 and IM-2023-2-0017 (HPC grant: 1.8M CPUh)

Red Española de Supercomputación (RES) and Supercomputing and Bioinnovation Center (SCBI) of the University of Malaga, ES.