



CV PIERFRANCESCO MOSCHETTA

07/05/1990

EDUCATION

11/2016 - Pres.	Ph.D in Numerical Analysis - Sapienza University Applied mathematical modelling, numerical methods.	Rome, Italy
12/2012 - 12/2015	M.Sc. in Applied Mathematics - Sapienza University <i>Final grade: 110/110 summa cum laude.</i> Thesis in Numerical Analysis titled: "The Burridge-Knopoff model: analysis and simulation of seismic phenomena". Supervisor: prof. Corrado Mascia.	Rome, Italy
09/2009 - 12/2012	B.Sc. in Mathematics - Sapienza University <i>Final grade: 110/110 summa cum laude.</i> Thesis in Physics titled: "The Poisson-Dirichlet problem in spherical symmetry". Supervisor: prof. Sergio Caprara.	Rome, Italy
09/2004 - 07/2009	High school degree - Scientific degree, PNI. <i>Final grade: 100/100 summa cum laude.</i>	Lanciano (Ch), Italy

PAPERS, COURSES AND SEMINARS

Preprint	Title: "Assessment of Predictor-Corrector strategy for the Burridge-Knopoff model". Subjects: Numerical Analysis, Computational Physics. A Predictor-Corrector strategy is employed for the numerical simulation of the one-dimensional Burridge-Knopoff model of earthquakes. Authors: Pierfrancesco Moschetta, Corrado Mascia (associate professor at Sapienza University, Department of Mathematics).	
Courses	"Introduction to Parallel Computing with MPI and OpenMP" - CINECA.	06/2016
Seminars	"Introduction to modern Fortran" - CINECA.	03/2016
	"The Burridge-Knopoff: analysis and simulation of seismic phenomena".	12/2015

SKILLS

Languages	Italian (mother tongue), English (fluent).	
Programming languages	Matlab Fortran C, C++	MySQL FreeFem

ADDITIONAL INFORMATION

Awards	Winner of the Competition: "Gran Sasso-Princeton Physics Summer School 2008". Prize for the best Geometry problem at "Olimpiadi della Matematica 2006".	Princeton, USA Chieti, Italy
Hobby	Play the piano, play chess, reading and mountain hiking.	