

Curriculum Vitae

Raul De Maio

Education

LA SAPIENZA UNIVERSITY Rome, Italy
Phd. Mathematical model for Engineering, November 2015 - October 2018 (expected end)
Dipartimento di Scienze di Base per l'Ingegneria (SBAI).
Research topic: differential problems on networks, vehicular and pedestrian traffic, mean field games.

LA SAPIENZA UNIVERSITY Rome, Italy
Master degree in Applied Mathematics. October 2013 - October 2015
Final grade: 110/110 cum laude with thesis: "A multi-scale approach on vehicular traffic".
Supervisors: Prof. E. Montefusco (La Sapienza), Prof. A. Tosin (CNR).

TECHNISCHE UNIVERSITÄT MÜNCHEN [Erasmus Program] Munich, Germany
Attended 4 mathematical courses in a foreign university, completed with excellent grade. October 2014-March 2015

LA SAPIENZA UNIVERSITY Rome, Italy
Bachelor degree in Mathematics. October 2010-July 2013
Final grade 110/110, cum laude with the thesis "Cucker-Smale model: consensus in crowd without leader."
Supervisor: Prof. Mario Pulvirenti (La Sapienza)

Activities

Fondazione IBM Italia: 25x25 Talenti project Rome, Italy
Selected and 2nd place with the team-project "Grownnet". September-October 2015

La Sapienza University: Excellence Course [Master] Rome, Italy
Attended phd. and advanced courses and concluded with a personal lesson "Mean field limit for aggregation models".

PARISTECH TELECOM [Athens program] Paris, France
Attended the bio-computing course "Emergence in complex systems" March 2015
Attended and successfully concluded this course, held by prof. Jean-Louis Desselles.

La Sapienza University: Excellence Course [Bachelor] Rome, Italy
Successfully concluded advanced additional courses. Everyone has been concluded with an exam, a thesis or a teamwork.

La Sapienza University Rome, Italy
From February to June 2014, attended lessons and debates of philosophy on "Connections between economy, physics and mathematics"; moreover, I also obtained collaboration scholarships for computer labs and library during 2013 and 2014.

Skills and Interests

Technical: I often work with Linux, Microsoft and OS X. I'm able to code and program with C, C++, Matlab, Mathematica. I'm also a beginner with Python and R.

Language: English (Trinity Certificate, IELTS, Erasmus), German (basic knowledge, A2.2 level at TUM's course), Italian (native).

Other interests: hiking, photography, technology, science and travels (particularly, on-the-road trips).


