

PERSONAL INFORMATION **Rachele Lamioni**

📍 (Italy)

Sex Female | Nationality Italian

WORK EXPERIENCE

2008–2013 **Bartender**

Benucci Daniele, Magliano in Toscana (GR) (Italy)

Barmaid – Waitress at Pub Camelot di Magliano in Toscana (GR)

2007–2008 **Travel agency clerk**

Pro Loco di Magliano in Toscana (GR) – via Garibaldi n.10 58051 Magliano in Toscana, Magliano in Toscana (GR) (Italy)

Trainee at Tourist office in Magliano in Toscana (GR)

reception desk an tourist informations

04/2008–09/2008 **Travel agency clerk**

Associazione Soul Diesis – P.za del Sale n.10 58100 Grosseto, Magliano in Toscana (GR) (Italy)

Staff collaborator with society "festival Vox Mundi"

EDUCATION AND TRAINING

2009 **Diploma**

Liceo Scientifico G. Marconi di Grosseto, Grosseto (Italy)

EQF level 4

2009–2013 **Aerospace Engineering**

University Roma La Sapienza, Roma (Italy)

EQF level 6

2013–2016 **Master Degree Aeronautical Engineering**

Università Roma La Sapienza, Roma (Italy)

EQF level 7

Thesis Title:

Numerical Investigation of Hydrodynamic Instability in Turbulent Premixed Flames


05/2016–08/2016 **Cooperation with the Propulsion Department**

Università Roma La Sapienza, Roma (Italy)

Turbulent Combustion: Collaboration with work group of the Propulsion Department La Sapienza Roma.


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PERSONAL SKILLS

Mother tongue(s)

Italian

Experimental assessment of Darrieus-Landau induced regime of propagation in turbulent bunsen flames

Projects ISCRA Application:
Class C Projects
code: HP10CRXOHF

Numerical investigation of Darrieus-Landau instabilities on turbulent three dimensional premixed flames

Courses **Introduction to Parallel Computing with MPI and OpenMP**, CINECA, Tizii 6/B, Roma

Publications Interplay of Darrieus-Landau instability and weak turbulence in premixed flame propagation

Francesco Creta, Rachele Lamioni, Pasquale Eduardo Lapenna, and Guido Troiani

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