

PERSONAL INFORMATION

Francesco Roncallo

WORK EXPERIENCE

2019–Present

Project manager

Rina Consulting (<https://www.rina.org/it>) and University of Genoa, Thermochemical Power Group (<http://www.tpg.unige.it/TPG/>), Genoa (Italy)

Furthermore:

-Coordination team of a H2020 financed project named PUMP-HEAT (<https://www.pumpheat.eu/>)

-Responsible for international cooperation activities for the research group (TPG CARE

- http://www.tpg.unige.it/TPG/tpg_care/)

-Member of *UNIGE International Cooperation for Development* team, Atheneum course responsible for "International Cooperation" and teaching in the same

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2018–2019

Research assistant

University of Genoa, Thermochemical Power Group (<http://www.tpg.unige.it/TPG/>), Genoa (Italy)

Research activities on renewable energies topic mainly through experimental activities.

Furthermore:

-Coordination team of a H2020 financed project named PUMP-HEAT (<https://www.pumpheat.eu/>)

-Project proposal writing for national and international donors

-Project manager for many funded projects with long-duration missions (Burundi with AICS funds, Madagascar with local funds, Zimbabwe with Europe AID funds, Lebanon with Europe AID funds,..)

-Member of *UNIGE International Cooperation for Development* team, Atheneum course responsible for "International Cooperation" and teaching in the same

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2018–Present

Grants management officer

SIT technologies Srl (<http://www.sit-tesla-technologies.com/>), Genoa (Italy)

Funder and member of an innovative European Spinoff based on technologies for energy harvesting

2015–2018

PhD Student

University of Genoa, Thermochemical Power Group (<http://www.tpg.unige.it/TPG/>), Genoa (Italy)

PhD thesis title "Experimental analysis of a prototype for wave energy production and its possible future scenarios"

Furthermore:

-Project manager on a biannual project financed by the Italian Ministry of Defense

-Project proposal writing and consortium coordinator for regional (POR,...), national (PON, PRIN, many foundations,..) and international calls (H2020, Interreg, ENI CBC MED, Europe Aid,...)

-Atheneum course on "International Cooperation" organizer and lecturer

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2015–Present

Freelancers

VAT registration number, Genoa (Italy)

Registered in the Engineer order (Genoa) with n.10408 for many Engineering activities on energy in

buildings

2015–Present **Technical support**

INBAR Istituto italiano di BioArchitettura (<http://www.bioarchitettura.it/>), Genoa (Italy)

Remote and on-site technical support for the project "La casa del Buon Pastore Ngage, Tanzania" consisting in building realization for local communities. Funded by CEI

2014–2015 **Project manager assistant**

CCS ONLUS (<https://helpcode.org/>), Genoa (Italy)

Assistance for ongoing projects in Mozambico, Nepal and Cambodia.

Furthermore:

-Coordination team for areas managers

-GIS activities

-Deliverable writing

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2014–2014 **Technical support**

APURIMAC ONLUS (<http://www.apurimac.it/>), Cusco (Peru)

On-site technical support for the project "Energia rinnovabile da biodigestori in Apurimac" consisting in multiple biogas plant installation in Peru. Funded by Regione Lombardia

EDUCATION AND TRAINING

2012–2014 **Master degree, Mechanical Engineering - Energy and Aeronautics**

University of Genoa, Genoa (Italy)

Master thesis title: "Sustainable energy solutions in developing countries"

2009–2012 **Bachelor degree, Mechanical Engineering**

University of Genoa, Genoa (Italy)

Bachelor thesis title: "Costruzione e sviluppo di modelli sperimentali e di simulazione per attività di ricerca sul comportamento vibratorio e dinamico di un veicolo terrestre"

2004–2009 **High school, scientific address**

Liceo Enrico Fermi, Genoa (Italy)

2017–Present **Participation certificate**

Online courses

Many online courses with attendance certification on International cooperation for development and Project management:

- "Progettare lo Sviluppo" (VIS)

- "The Sustainable Development Goals – A global, transdisciplinary vision for the future" (University of Copenhagen - Coursera)

- "Municipal Solid Waste Management in Developing Countries" (École Polytechnique Fédérale de Lausanne - Coursera)

- "Climate Change Mitigation in Developing Countries" (University of Cape Town - Coursera)

- "Theory of Change for Development" - (edX)

- "L'Open Innovation al servizio della cooperazione" (ONG2.0)

- Many webinars on Engineer 4 Change platform (<https://www.engineeringforchange.org/>)

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PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Spanish	B1	B1	B1	B1	B1
French	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

Excellent capacity in the communication field gained during past experiences, mostly in contact with people. In particular:

- Experience in newsletter production and website creation.
- Great confidence with all the principal social network and marked interesting in web communication
- Educational entertainer for 5 years at "Festival della Scienza" events in Genoa (Italy)

Organisational / managerial skills

Excellent skills gained thanks to past experiences, in particular:

- President of a volunteer association based in Genoa, "BtoBe's"
- Board of an Italian volunteering association, Janua FORUM (<https://www.januaforum.it/>)
- Organization of a specific session within International conferences ("Sustainable energy for all" session within ASME Turbo Expo conference, <https://event.asme.org/Turbo-Expo>)
- Member and financial manager of the association "Ingegneria senza frontiere Genova Onlus" (<http://www.dicat.unige.it/isf/>)
- Manager of a football club with two teams in a provincial championship
- Coordination of many master degree thesis

Job-related skills

- Manual skill experience,
- Problem-solving capacity,
- Extreme flexibility and adaptability to any situation and context,
- Great capacity in socializing and in team building

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Independent user	Proficient user

Digital skills - Self-assessment grid

Expert in software and hardware management, in many OS, Office, Matlab, LABview, Ansys Inc., ProE, 3D design. Programming in Arduino.

Great skill also in complex computing systems thanks to PhD activities

Other skills

-Addict in many sports: football, climbing, mountains,...

- Expert traveler
- Interested reader, cinephile and music lover
- Strongly interested in social psychology, anthropology, and relational dynamics disciplines.

Driving licence A, B