PERSONAL INFORMATION

Matteo Sciarra

Via 4 Novembre 35 – 00034 Colleferro (RM) - Italy
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matteosciarra88@yahoo.it

Sex Male | Date of birth 14/12/1988 | Nationality Italian

PREFERRED JOB POSITION

Analysis and Design of Space Propulsion Systems

WORK EXPERIENCE

(January 2010 – December 2012)

Winner of students scholarship

Central Library “G. Boaga” of Engineering School at “La Sapienza” University, Rome - Italy

- Reception and information centre for users, consulting and loan services, library material distribution

EDUCATION AND TRAINING

(October 2010 – January 2013)

Master Degree in Space Engineering

“La Sapienza” University of Rome – Italy

- **Subjects covered:** Gasdynamics, Space Flight Mechanics, Space Structures, Space Mission and Systems, Rocket Propulsion, Hypersonics, Liquid Propellant Engines, Space Propulsion, Aerospace Materials, Solid Propulsion Modelling, Turbopump Systems for Liquid Rocket Engines
- **Title of Thesis:** Theoretical-Numerical Analysis of Transcritical Methane Flux in Liquid Rocket Engines Cooling Channels
- **Supervisor:** Marcello Onofri
- **Final Marks:** 106/110

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(September 2007 - October 2010)

Bachelor Degree in Aerospace Engineering

"La Sapienza" University of Rome - Italy

- **Subjects covered:** Calculus, Geometry, Informatics and Programming, Chemistry, Physics, Numerical Methods, Aerospace Materials, Electromagnetism, Aerodynamics, Electronics, Applied Mechanics, Structural Mechanics, Aerospace Structures, Aerospace Propulsion, Aircraft Systems, Flight Mechanics
- **Title of Thesis:** Space Trajectories Optimization
- **Supervisor:** Nicola De Divitiis
- **Final Marks:** 110/110 cum laude

(September 2002 – July 2007)

High School Leaving Scientific qualification

"ITIS S. Cannizzaro" Colleferro (RM) - Italy

Technological – Scientific High School "Progetto Brocca"

- **Final Marks:** 100/100 cum laude

PERSONAL SKILLS

Mother tongue: Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	B2
French	B1	B1	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained in everyday life, extra-national travel and during permanence in Central Library "G. Boaga"

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Organization skills

- Proficient in teamwork and private work
- Attitude for problem solving
- Ability of face new challenges
- Constancy in undertaken work

Job-related skills

- 10 days summer school at Frascati National Labs of National Institute of Nuclear Physics (INFN) about "Planning and management with UNIX system for experiment data that produce more than 1200 terabytes"
- Good knowledge of Matlab software
- Good knowledge of Adina software
- Good knowledge of CFD++ software
- Good knowledge of Fortran and C++ programming languages

Computer skills

- European computer Driving Licence (ECDL)
- Good knowledge of Microsoft Word, Excel, Access, PowerPoint
- Good knowledge of UNIX Operative System

Other skills

- Author for the online magazine "EverySpace Magazine"
- Construction of naval wooden models
- Design and construction of small robots

Driving licence

- Driving licence type B

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