



Silvia Maria Cristina Rotondi

PERSONAL INFORMATION

Date of Birth:

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EDUCATION

- PhD-Student in PHYSICS
November 2021-in progress
- Master degree in PHYSICS
2019-2021
University of Genoa, Department of Physics, Genoa
Thesis Title: 'Study of the self-assembly of ultrathin DNA films on gold.'
Supervisor: Prof. Ornella Cavalleri
Thesis keywords: SAMs, DNA, AFM, XPS, nanoshaving, Spectroscopic Ellipsometry
- Bachelor degree in PHYSICS
2015-2019
University of Genoa, Department of Physics, Genoa
Thesis Title: 'Shock Waves'
Supervisor: Prof. Lorenzo Mattera
Thesis Keywords: Mach Number, waves

CONFERENCES

G. Pinto, S. Dante, **S. M. C. Rotondi**, P. Canepa, M. Canepa, O. Cavalleri
Molecular Investigation via spectroscopic ellipsometry: Optical detection of a SARS-CoV-2 gene region
Abstract presented at XXV SIPBA National Congress, June 28-July 1 2021
<https://www.sibpa.it/CongressoNazionaleSIBPAParma/index.php>

WORK EXPERIENCE

- Collaboration Activity
University of Genoa

-Biblioteca delle Scienze MFN
2019-2021
Online courses and librarian activity

-Scuola di Scienze MFN
2018-2019
Management and maintenance of the website

-Dipartimento di Medicina Interna e Specialità
Mediche
2016-2017
Management and maintenance of the website.

- Private Lessons, Basaluzzo (AL)
2015-now
Private lessons to children aged 11 to 18 years old on
Physics, Math and Informatics

POLITICAL AND SOCIAL ACTIVITY

Scuola di Politiche Liguria
2019-2020

Activity during which I had the possibility to meet and interact with eminent personality both in political and scientific field (i.e. Giorgio Metta, IIT scientific director).

My team presented a work about 'How the improvement of local areas should or not preserve the native culture'

LANGUAGES

Italian: mothertongue

English: First (FCE), Cambridge English, 2014, B2 level

DIGITAL SKILLS

Basic Knowledge: C++, LabView, LaTeX, Root.

Good Knowledge : Igor Pro, Gwyddion, Word, Excel, Power Point, Publisher, Teams, Zoom, Skype.

SOFT SKILLS

Autonomy: 10/10

Self confidence: 8/10

Adaptibility: 10/10

Ability to plan and organize: 10/10

Precision: 9/10

Learn continuously: 10/10

Achievement of objectives: 9/10

Communication: 9/10

Problem solving: 9/10

Team work: 10/10

Leader-ship: 8/10

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