

PERSONAL INFORMATION

**Alessio Settineri**



Sex Male | Date of birth : | Nationality Italian

POSITION

**Physics PhD Student at Messina's University (Supervisor: Prof. S. Savasta)**

EDUCATION AND TRAINING

- 2007–2012 **High School Diploma 100/100**  
Archimede Scientific High School, Messina (Italy)
- 2012–2015 **Three-year Degree in Physics 107/110**  
Messina's University, Messina (Italy)  
Thesis: Inclusion Complex for the Drug Delivery: Stability and thermic behaviour.  
Relator: Prof. Valentina Venuti
- 2015–2017 **Master Degree in Physics 110L/110**  
Messina's University, Messina (Italy)  
Thesis: Characterization of the plasmonic behaviour of nano-structured gold, films

WORK EXPERIENCE

- 03/11/2014–18/12/2014 **University Internship**  
IR-Raman Spectroscopy

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B1
German	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

Communication skills

- Ability to relate to work and study colleagues and teamwork skills, quality gained during years of study, university labs, and internship periods.
- Ability to expose concepts and personal knowledge learned during: lectures, presentations in Italian and English and conferences.

- Organisational / managerial skills
- Organizational, planning and co-ordination skills.
  - Good level of flexibility and adaptation to different situations, aptitude to make timely decisions and consistent with the goals set and to tackle and resolve stress situation.

- Job-related skills
- Experimental and theoretical knowledge on the study of material properties through Spectroscopic Techniques related to the experience gained during laboratory activities and university studies
  - Private lessons for high school students in subjects of a predominantly scientific nature such as Mathematics, Physics, Chemistry.

Digital competence

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

Digital competences - Self-assessment grid

- Excellent mastery of Windows and Linux operating systems and their applications
- Familiarity with Android mobile devices (smartphones and tablets) INSTRUMENTS
- Excellent knowledge of the Microsoft Office package, especially Word, Excel and PowerPoint
- Experience navigating the Internet using Different browsers (Internet Explorer, Firefox, Chrome)
- Excellent knowledge of e-mail clients (Windows Live Mail, Outlook Express)
- Excellent knowledge in using data analysis software (Origin, PeakFit)
- Good usage of Graphic Software (Adobe Photoshop)
- LANGUAGE PROGRAMMING C ++, Fortran, Mathematica

Driving licence B

ADDITIONAL INFORMATION

- Publications and Conferences
- Presentation Poster: "Plasmon vortices around isolated nanoholes cratered on a gold film: polarization dependent coupling of SPPs and excitation beam" Plasmonica 2017
  - Publication (In Preparation): "Conversion of Mechanical Thermal Noise into photon pairs" Settineri Alessio, Macri Vincenzo, Savasta Salvatore
  - Publication (In Preparation): "Quantum Coherence in Hybrid quantum Systems: the influence of Temperature" Settineri Alessio, Macri Vincenzo, Savasta Salvatore

- Specialization School
- From 19 to 23 September 2016 National Specialization School " Scienza e Beni Culturali: Dall'Analisi non invasiva alla ricostruzione 3D"
  - From 24 to 29 July 2017 School of Excellence "Modelli di calcolo ispirati ai meccanismi di funzionamento del cervello (Brain inspired computing)". Project Manager prof. Giovanni Finocchio

- Seminars
- 30 May 2013 Appunti di Fisica & Young Minds: Settima Giornata con la Fisica Teorica
  - 30 October 2012 3a giornata di studio del dottorato di ricerca in Fisica
  - 26 March 2013 Percorso di eccellenza in Fisica PES: Attestato superamento corso: Dlsg 81/08 e problematiche sulla sicurezza
  - From 13 to 15 October 2015 Simposio Internazionale: Lepton and Hadron Physics at Meson-Factories
  - From 6 to 8 November 2013 Simposio Internazionale: Entrance Channel Effect on the reaction

## Mechanism in heavy ion collisions

- 22 June 2016 Vincitore Borsa di studio per un corso di Lingua presso il CLAM
- 13 May 2016 Symposium on Nanofabrication
- 26 May 2016 Nona Giornata con la Fisica Teorica a Messina.
- 26 May 2017 Appunti di Fisica teorica ricorda Nando Borghese

## Work Experiences

- From 2 to 24 November 2016 Didactic Tutoring at Messina's University
- From 11 May to 30 November 2017 Specialistic Tutoring at Messina's University

## Attachments

copies of all attestations are available upon request

## Authorization

I authorize the processing of my personal data contained in my curriculum vitae in art. 13 of Legislative Decree 196/2003