

Curriculum vitae

18/06/2018 Settinon Hemo

PERSONAL INFORMATION

Alessio Settineri



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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	
B2	B2	B1 .	B1	B1
A1	A1	. A1	A1	A1

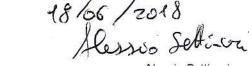
English

German*

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.



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Curriculum vitae

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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 use	

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

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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: DIsg 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

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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

Autorization

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