



Chiara Signorile-Signorile

Personal information

Date of birth 7th February 1992, Jette (Bruxelles)
Citizenship Italian

Education

2017-today **Ph.D. Student in Physics and Astrophysics**, *Università di Torino*, Torino, IT.
Supervisor Prof. Lorenzo Magnea

2014-2017 **Master of Science in Physics**, *Università di Torino*, Torino, IT.
Grade 110/110 *magna cum laude*
Thesis advisor Prof. Lorenzo Magnea
Thesis title "*Next-to-leading-power threshold corrections in hadronic cross sections*"

2011-2014 **Bachelor of Science in Physics**, *Università di Torino*, Torino, IT.
Grade 110/110 *cum laude*
Thesis advisor Prof. Mariaelena Boglione
Thesis title "*Quantum phenomena in photosynthetic processes*"

Experience

Academic

- 2018 **Teaching assistant (tutorship)**, *Physics*, Bachelor's Degree in Chemistry, Prof. Boglione.
 - Exercise session and student examination
- 2018 **Teaching assistant (tutorship)**, *Electricity and Magnetism*, Bachelor's Degree in Physics, Prof. Bianchi.
 - Exercise session and student support
- 2018 **Laboratory tutor**, *Matter Physics Laboratory*, Bachelor's Degree in Physics, Prof. Olivero.
 - Students supervisor
- 2017 **Laboratory tutor**, *Matter Physics Laboratory*, Bachelor's Degree in Physics, Prof. Olivero.
 - Experimental setup preparation
- 2016 **Laboratory tutor**, *Matter Physics Laboratory*, Bachelors Degree in Physics, Prof. Olivero.
 - Students assistant during data acquisition

Attended courses and Schools

- 2018 **GGI Lectures on the Theory of Fundamental Interactions**, *Galileo Galilei Institute of Theoretical Physics, Firenze.*
- 2017-2018 **Torino Graduate School**, *Università degli Studi di Torino*, Particle Dark Matter, Introducing Susy, Introduction to lattice field theory, Introduction to the Physics of the Quark-Gluon Plasma, Introduction to Flavour Physics.

Conferences and Workshops

- 2018 **Next-to-leading power corrections in Particle Physics Workshop**, *Amsterdam, Netherlands.*
- 2018 **High Precision for Hard Processes Workshop**, *Freiburg, Germany.*
- 2018 **104th SIF National Congress**, *Cosenza, Italy.*
- 2018 **33rd Conference of Physics Student**, *Helsinki, Finland.*

Language skills

- Italian **Mothertongue**
English **Intermediate**

List of publications

- 2018 *“Local Analytic Sector Subtraction at NNLO”*, L. Magnea, E. Maina, G. Pelliccioli, C. Signorile-Signorile, P. Torrielli, S. Uccirati, [arXiv:1806.09570 [hep-ph]]. To appear on JHEP.
- 2018 *“Factorisation and Subtraction beyond NLO”*, L. Magnea, E. Maina, G. Pelliccioli, C. Signorile-Signorile, P. Torrielli, S. Uccirati, [arXiv:1809.054444 [hep-ph]]. Submitted to JHEP.
- 2018 *“Analytical tools for IR subtraction beyond NLO”*, L. Magnea, E. Maina, G. Pelliccioli, C. Signorile-Signorile, P. Torrielli, S. Uccirati, [PoS LL2018 (2018) 013.]

Communication Skills

- Sept. 2018 Talk at **Congresso SIF 2018**.
- Aug. 2018 Talk at **ICPS2018**: International Conference of Physics Students, Helsinki.

Computer skills

- Intermediate C++, OFFICE
Advanced L^AT_EX, MATHEMATICA

Additional information

- 2017-today Treasurer of the Italian Association of Physics Student.
- 10/2016-08/2017 Member of the Organising Committee of the *International Conference of Physics Students (ICPS2017)*.