Filippo Valle

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PhD student in Complex Systems for Life Sciences, currently working on network's theory applied to the study of cancer

EDUCATION

Ph.D. in Complex Systems for Life Sciences 2019-present
University of Turin

Currently studying network's theory and data mining applied to cancer datasets

Master's degree in Physics of Complex Systems 2017-2019
University of Turin

''A topic model approach reveals hidden structures in datasets of healthy and cancer tissues". 110/110 cum laude and mention.
Supervisors: M. Caselle and M. Osella

Bachelor degree in Physics 2014-2017
University of Turin

"A new method to monitor RPC at ALICE experiment". 109/110.
Supervisors: E. Vercellin and G. Fronzè

PROFESSIONAL APPOINTMENTS

Co-founder and Developer 2017-present
Glifico, https://glifico.com

- Developing a new platform to help translators and agencies

Internship 2012
Swiss National Supercomputing Centre

- Two weeks internship simulating cosmic rays flow using MonteCarlo techniques

OTHER EXPERIENCES

- 2017-2019: **Esperimentazioni II**
  Physics Laboratory II Assistant in laboratory and during data analysis
- Spring 2017: **Introduzione alla programmazione**
  Introduction to programming Assistant during C++ exercices sessions

SEMINARS AND SCHOOLS

3. Un viaggio nel cosmo, Università della Terza Età, March 18 https://www.facebook.com/UnitreRivara/posts/1595072783942086

2. SMEEB, Stochastic Models in Empirical Ecology and Biology, June 21

1. inverted CERN School of Computing, www.csc.web.cern.ch
   School of High Performance Calculus, March 17

PUBLICATIONS

1. Valle, F.; Osella, M.; Caselle, M. A Topic Modeling Analysis of TCGA Breast and Lung Cancer Transcriptomic Data., "https://doi.org/10.3390/cancers12123799", *Cancers* **12**, 3799 (MDPI).