

personal info

postdoctoral researcher

*Semel Institute for Neuroscience and Human Behavior
David Geffen School of Medicine
University of California, Los Angeles (UCLA)
USA*

born: 13th February 1988, Torino, Italy
nationality: Italian

academic career

postdoctoral researcher, sept 2018 - current

*Semel Institute for Neuroscience and Human Behavior
David Geffen School of Medicine
University of California, Los Angeles (UCLA) - USA.*

postdoctoral researcher, nov 2016 - aug 2018

*Departament d'Enginyeria Informàtica i Matemàtiques
Universitat Rovira i Virgili - Tarragona, Spain.*

postdoctoral researcher, oct 2015 - sept 2016

*Pierre Louis Institute of Epidemiology and Public Health
INSERM - Paris, France.*

education

PhD in Epidemiology and Public Health, 2015

*Sorbonne Université, Paris, France
Final thesis: Computing the vulnerability of time-evolving networks to infections.
Final defence: Oct 13 2015.*

MSc in Theoretical Physics, 2012

*University of Torino, Italy
Mark: 110/110 con lode e menzione (cum laude).
Final defense: October 2012*

Diploma, School of Superior Studies, 2012

*University of Torino, Italy
Mark: 70/70 con lode (cum laude).
Mathematical modeling of anisometries in space perception induced by Unilateral Spatial Neglect.
Final defense: December 2012*

BSc in Physics, 2010

*University of Torino, Italy
Mark: 110/110 con lode (cum laude).
Final defense: July 2010*

talks, lectures & posters

invited talks

EPFL Network Science in Engineering

(June 2019, Lausanne, Switzerland)

PyCon Balkan

(November 2018, Belgrade, Serbia)

NETDELY Satellite Meeting at NetSci 2018

(June 2018, Paris, France)

LIVESTOCK NETWORKS Satellite Meeting

at NetSci 2018 (June 2018, Paris, France)

ECCMID Europ. Congress of Clin. Microbiology and Inf. Diseases (2015, Copenhagen, Denmark)

invited seminars

2019

Center for Research & Interdisciplinarity (CRI), Paris, Fr.
Institute of Complex Systems, CNR, Rome, Italy
Mathematical Inst, University of Oxford, UK
Pasteur Institute, Paris, France

2014-2018

Complexity Science Hub, Vienna, Austria
Dept of Fundamental Phys, Univ of Barcelona, Spain
Databeers, Torino, Italy
Dept of Computer Eng & Math, URV, Tarragona, Spain
ISI Foundation, Torino, Italy
Veterinary Dept, University of Torino, Italy

contributed talks

2019

HIV Transmission Workshop NIH, Rockville, MD, USA
NETMOB, Oxford, UK
NETSCI, Burlington, VT, USA

2018

NETSCI, Paris, France
BIFI Int. Conference, Zaragoza, Spain

2017

DELVE Digital Epidemiology (CCS), Cancún, Mexico
Contagion (CCS), Cancún, Mexico
MODAH Workshop, Nantes, France

2016

CCS, Amsterdam, The Netherlands
Contagion16 (CCS), Amsterdam, The Netherlands
Complex Networks, Marseilles, France

talks, lectures & posters (cont.)

2015

ICCSS, Helsinki, Finland

NETSCI, Zaragoza, Spain

Physics of Multilayer Networks (NETSCI), Zaragoza, Sp.

2014

ECCS, Lucca, Italy

2013

ECCS, Barcelona, Spain

NETSCI, Copenhagen, Denmark

lectures

Mediterranean School in Complex Networks
(2017, Salina, Italy)

posters

CROI (Conf. on Retroviruses & Opportunistic Infections),
Seattle, WA, USA (2019)

Generalized Net. Structure & Dynamics, Ohio U (2016)

EPIDEMICS 4, Amsterdam, The Netherlands (2013)

organization activities / dissemination

NetSci2018, Paris, France

Co-chair of Design.

Complexity72h Workshop, Lucca, Italy

Founder & organizer

ICPS 2017, Torino, Italy

Organizer of the Int.nal Conf. of Physics Students,
Aug 7-14 2017.

400+ physics students from 45 countries, budget 170k euros.

Complex Systems Society (CSS)

member, since 2013,

council member, since 2016.

talk @ Databeers Paris 2019

dissemination talks

at student conferences, and in high schools.

language skills

Italian - mother tongue.

English - full proficiency (CAE grade A - Europ. C2).

French - full proficiency.

Spanish - professional proficiency.

Catalan - elementary proficiency.

Serbian-Croatian - elementary proficiency.

additional training

2016 - Generalized Network Structures and Dynamics,
Ohio State U, Columbus, Ohio, USA.

2014 - ECCS Warm-up: school of complex networks.
Lucca, Italy

2014 - Summer Institute of Statistical Modeling
of Infectious Diseases.

University of Washington, Seattle, WA, USA.

2014 - Complex Networks Thematic School.

Les Houches School of Physics, Les Houches, France.

2014 - Regression analysis. Prof. S. Lemeshow,

EHESP School of Public Health, Paris, France.

2014 - Regression Analysis in veterinary Public Health
and Food Safety, University of Turin, Italy.

2013 - Epidemiological surveys and surveillance in
cattle holdings. **Istituto Zooprofilattico**, Teramo, Italy.

2013 - Modeling of Infectious Diseases.

Institut Pasteur, Paris, France

IT skills

programming & data analysis

advanced skills: **C++**, **Python**, Mathematica,
*including Python libraries for data analysis, machine
learning and plotting (numpy, scipy, pandas, scikit-learn,
etc.)*

limited skills: R, Stata, GIS systems.

databases

SQL.

web

PHP, HTML, Javascript.

graphics & design

Adobe Illustrator, Adobe InDesign.

awards

2019 - New Investigator Scholarship, International Anti-
viral Society - USA.

2011 - Optime Award, Employers' Association of Turin,
Italy.

2010 - Italian Ministry of Education Award.