



## Giacomo Zoppi

**Nationality:** Italian **Date of birth:** 06/11/1995 **Phone number:** (+39) 3345066072

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**Home:** Via San Dalmazzo, 14, 10122 Torino (Italy)

### WORK EXPERIENCE

#### Research Fellow

**University of Torino** [ 01/04/2024 – Current ]

City: Torino | Country: Italy

Department of Economics and Statistics "Cognetti de Martiis"

#### Adjunct Lecturer

**University of Torino** [ 01/04/2024 – Current ]

City: Torino | Country: Italy

Lab of Data Visualization, Laurea magistrale in Metodi statistici ed economici per le decisioni.

#### Adjunct Lecturer

**University of Torino** [ 01/09/2024 – 28/02/2025 ]

City: Torino | Country: Italy

Probability Pre-Course - M.Sc. in Economics of the Environment, Culture and Territory

#### Teaching assistant

**University of Torino** [ 01/09/2024 – 28/02/2025 ]

City: Torino | Country: Italy

Teaching Assistant, Statistical and econometric models - M.Sc. in Economics of the Environment, Culture and Territory

#### Teaching assistant

**University of Torino** [ 01/09/2021 – 28/02/2024 ]

City: Torino | Country: Italy

Teaching Assistant, Probability Theory Course, Master of Science in Stochastics and Data Science

### EDUCATION AND TRAINING

#### PhD Student - Modeling and Data Science

**University of Torino** [ 01/10/2020 – 31/03/2024 ]

City: Torino | Country: Italy | Final grade: Graduation Expected: January 2025

#### Visiting PhD Student

**EPICx Lab - INSERM - Institut national de la santé et de la recherche médicale Sorbonne Université** [ 09/2022 – 11/2022 ]

City: Paris | Country: France | Website: <https://www.epicx-lab.com/>

#### Master of Science in Stochastics and Data Science

**University of Torino** [ 28/09/2017 – 17/12/2019 ]

City: Torino | Country: Italy | Final grade: 110/110 cum Laude

#### Master in Economics

**Collegio Carlo Alberto - Allievi Honors Program** [ 01/09/2017 – 01/12/2019 ]

City: Torino | Country: Italy

## Exchange Student - Erasmus+ Program

**NOVA IMS Information Management School** [ 15/02/2019 – 15/07/2019 ]

City: Lisboa | Country: Portugal

## Bachelor Degree in Mathematics for Finance and Insurance

**University of Torino** [ 02/09/2014 – 18/07/2017 ]

City: Torino | Country: Italy | Final grade: 110/110 cum Laude

## LANGUAGE SKILLS

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**Mother tongue(s):** Italian

**Other language(s):** English

## DIGITAL SKILLS

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Python / R / C/C++ / Matlab / Java / SQL / GIS / SAS / ECDL Full certificate / Microsoft Office / C

## PUBLICATIONS

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[2024]

### **The Hidden Role of Buffalo Trade Network in Bovine Epidemic Spreading**

#### **Journal Article**

Zoppi G, Candeloro L, Savini L, Colizza V, Giacobini M (2024) The hidden role of buffalo trade network in bovine epidemic spreading. PLoS ONE 19(11): e0313657. <https://doi.org/10.1371/journal.pone.0313657>

[2022]

### **Fetlock Joint Angle Pattern and Range of Motion Quantification Using Two Synchronized Wearable Inertial Sensors per Limb in Sound Horses and Horses with Single Limb Naturally Occurring Lameness**

#### **Journal Article**

Pagliara E, Marenchino M, Antenucci L, Costantini M, Zoppi G, Giacobini MDL, Bullone M, Riccio B, Bertuglia A. "Fetlock Joint Angle Pattern and Range of Motion Quantification Using Two Synchronized Wearable Inertial Sensors per Limb in Sound Horses and Horses with Single Limb Naturally Occurring Lameness." Veterinary Sciences. 2022; 9(9):456. <https://doi.org/10.3390/vetsci9090456>

[2022]

### **Reducing the Number of Training Cases in Genetic Programming**

#### **Conference Proceedings**

G. Zoppi, L. Vanneschi and M. Giacobini, "Reducing the Number of Training Cases in Genetic Programming," *2022 IEEE Congress on Evolutionary Computation (CEC)*, Padua, Italy, 2022, pp. 1-8, doi: 10.1109/CEC55065.2022.9870327.

[2022]

### **Recording fetlock joint range of motion using wearable inertial sensors in sound and lame horses**

#### **Conference Proceedings**

E. Pagliara, A. Antenucci, G. Zoppi, M.D.L. Giacobini, A. Bertuglia. "Recording fetlock joint range of motion using wearable inertial sensors in sound and lame horses", *11th International Conference on Equine Exercise Physiology*, Uppsala, Sweden, 2022. In Comparative Exercise Physiology (Vol. 18, Issue Supplement 1, pp. S49). Wageningen Academic Publishers. <https://doi.org/10.3920/cep2022.s1>

## TALKS AND PRESENTATIONS

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[ 14/12/2024 ]

### **Improving Spatial Maps with Preferential Sampling via Hierarchical Modeling**

G. Zoppi, N. Golini, R. Ignaccolo, A. Lo Presti, M. Cameletti, "Improving Spatial Maps with Preferential Sampling via Hierarchical Modeling", Oral Presentation, 18th International Joint Conference on Computational and Financial Econometrics (CFE) and Computational and Methodological Statistics (CMStatistics), King's College London, 14-16 December 2024.

[ 21/09/2023 ]

### **On the interaction between bovine and bubaline trade network in epidemic spreading**

G. Zoppi, L. Savini, L. Candeloro, V. Colizza, M. Giacobini, "On the interaction between bovine and bubaline trade network in epidemic spreading", Oral Presentation, [Abstract book](#) of the GeoVet 2023, International Conference of Spatial Epidemiology, Geostatistics and GIS applied to animal health, public health and food safety, Edizioni IZSTe-press - Digital Publishing, Campo Boario, 64100 Teramo p. 74-75, ISBN: 978-88-9365-041-0, Silvi Marina, Teramo, Italy, 19-21 September 2023

[ 30/11/2021 ]

### **Analysis of pastures within the Italian cattle movement network and their role in epidemiological phenomena**

G. Zoppi, L. Savini, L. Candeloro, V. Colizza, M. Giacobini, "Analysis of pastures within the Italian cattle movement network and their role

in epidemiological phenomena", [Poster Presentation](#), EPIDEMICS 8, 8th International Conference on Infectious Disease Dynamics, 2021

[ 27/05/2021 ]

### **Italian Buffalo Movement Network - Qualitative Analysis and Impact on Disease Diffusion**

G. Zoppi, M. Scudeler, L. Savini, L. Candeloro, L. Bertolotti, M. Giacobini, "Italian Buffalo Movement Network - Qualitative Analysis and Impact on Disease Diffusion", [Oral Presentation](#), ModAH - Modelling in Animal Health conference, 2021