



Leonardo Chiani

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Nationality: Italian

WORK EXPERIENCE

[06/2013 – 09/2015]

Waiter/waitress

Hotel Savana

City: Rimini | Country: Italy

[11/2021 – 05/2022]

Volunteer

Staffetta Solidale

City: Rimini | Country: Italy

I coordinated the distribution of food and supplies for families in the Rimini area during the Covid-19 pandemic

[09/2022]

Thesis preparation

RFF-EIEE

City: Milano | Country: Italy

EDUCATION AND TRAINING

Diploma

Liceo scientifico Albert Einstein

City: Rimini | Country: Italy |

[09/2016 – 07/2019]

Bachelor's degree

Università di Bologna

City: Bologna | Country: Italy | Field(s) of study: Telecommunication and Electronical Engineering | Final grade: 110 cum laude | Thesis: Riconoscimento di loghi tramite reti neurali convoluzionali

[09/2020 – 05/2023]

Master degree

Politecnico di Milano

City: Bologna | Country: Italy | Field(s) of study: Mathematical Engineering | Final grade: 110 cum laude | Thesis: Global Sensitivity Analysis of a Regional Coupled Climate-Economy Model

[06/2023 – Current]

PhD

Politecnico di Milano

City: Milano | Country: Italy |

[01/10/2022 – Current]

Visiting Scientist

Centro Euro-Mediterraneo sui Cambiamenti Climatici

City: Milan | Country: Italy |

[24/06/2024 – 28/06/2024]

Summer school on Sensitivity Analysis of Model Outputs

Joint Research Center and Università di Parma

City: Parma | Country: Italy |

[09/12/2024 – 20/12/2024]

Winter school on Data-Driven Earth System Models

Future Earth Research School

City: Bertinoro | Country: Italy |

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

[2024] [Underestimating demographic uncertainties in the synthesis process of the IPCC](#)

Giarola, S., Chiani, L., Drouet, L., Marangoni, G., Nappo, F., Muttarak, R., & Tavoni, M. (2024). Underestimating demographic uncertainties in the synthesis process of the IPCC. *npj Climate Action*, 3(1), 71.

[2023] **Variational inference for semiparametric Bayesian novelty detection in large datasets**

Benedetti, L., Boniardi, E., Chiani, L., Ghirri, J., Mastropietro, M., Cappozzo, A., & Denti, F. (2023). Variational inference for semiparametric Bayesian novelty detection in large datasets. *Advances in Data Analysis and Classification*, 1-23.

[2025] [Global Sensitivity Analysis of Integrated Assessment Models with Multivariate Outputs](#)

Reference: Chiani, L., Borgonovo, E., Plischke, E., & Tavoni, M. (2025). Global sensitivity analysis of integrated assessment models with multivariate outputs. *Risk Analysis*.

DIGITAL SKILLS

My Digital Skills

Microsoft Office | Microsoft Word | Microsoft Excel | Zoom | Microsoft Powerpoint | Python | C | C++ | Google Docs | R

CONFERENCES AND SEMINARS

[30/06/2024 – 03/07/2024] **European Conference of Operations Research** Copenhagen, Denmark