



## Silvio Meneguzzo

**Work permit:** Italian **Nationality:** Italian **Date of birth:** 12/03/1995

**Place of birth:** Schio, Italy **Gender:** Male **Phone:** (+39) 3341168370

**Email:** [meneguzzosilvio@gmail.com](mailto:meneguzzosilvio@gmail.com)

**LinkedIn:** [silvio-arras-meneguzzo](https://www.linkedin.com/in/silvio-arras-meneguzzo)

**Website:** <https://meneguzzo.eth.limo/>

**Home:** Via Giuseppe Giusti 4, 10121 Torino (Italy)

### ABOUT MYSELF

I am a PhD Candidate in Blockchain and Distributed Ledger Technologies, combining academic research (University of Turin) with industrial R&D (Links Foundation). My research focuses on data marketplaces (with emphasis on the energy domain), DAOs and governance sustainability, and privacy-preserving cryptographic techniques. I have practical experience in full-stack and blockchain development, project leadership in European initiatives, and community organisation.

### WORK EXPERIENCE

#### **Fondazione LINKS** – Torino, Italy

City: Torino | Country: Italy

##### **Blockchain Researcher & Developer**

[ 01/12/2022 – Current ]

- Research on blockchain-based data marketplaces focusing on privacy, trust and interoperability.
- Contribution to European projects (EU-DREAM, DataCellar, eFORT, B4A).
- Integration of IDSA connectors and SSI solutions; collaboration with university partners on prototypes and publications.
- Achievements: contributed to peer-reviewed papers and project demonstrators.

#### **Tradenet** – Schio, Italy

City: Schio | Country: Italy

##### **Software Engineer**

[ 01/07/2022 – 01/11/2022 ]

- Development of blockchain applications on Commercio.network (Cosmos SDK).
- R&D on smart contract security and distributed systems; system maintenance and deployment.

#### **Infineon Technologies** – Padova, Italy

City: Padova | Country: Italy

##### **Product Engineer**

[ 07/01/2021 – 31/07/2021 ]

- Designed and implemented a cloud test executor for microcontroller test data exchange across sites.
- Produced technical documentation and presentations for international engineering teams.

#### **Sopra Steria** – Milan, Italy

City: Milan | Country: Italy

## Business Consultant

[ 01/01/2018 – 01/01/2019 ]

Requirements analysis and support for omnichannel solutions in finance and retail; stakeholder coordination.  
Main Clients: Armani (Omnichannel strategy specialist) and A2A (Open innovation)

 **Red Babel** – Amsterdam, Netherlands

City: Amsterdam | Country: Netherlands

## Project coordinator

[ 07/01/2017 – 01/06/2017 ]

(short project) Main activities: managed a team of seven developers; led development of a Monolith SDK for Meteor/Rocket.Chat integration.

## EDUCATION AND TRAINING

### PhD in Blockchain and Distributed Ledger Technology

**National PhD Program ISAS (University of Turin - University of Camerino)** [ 01/12/2022 – Current ]

City: Torino | Country: Italy | Website: <https://isas.unicam.it/dni/blockchain-and-DLT> | Field(s) of study: Information and Communication Technologies (ICTs): • Software and applications development and analysis

- Joint National Programme: University of Camerino, University of Turin, LINKS Foundation
- Visiting researcher: Brunel University London (2024–2025).
- Research topics: energy data marketplaces, DAO governance & sustainability, ZK proofs / MPC / FHE.

### Master degree

**University of Padova** [ 01/09/2019 – 01/11/2021 ]

City: Padova | Country: Italy | Website: <https://www.unipd.it/en/educational-offer/second-cycle-degree/engineering?tipo=LM&scuola=IN&ordinamento=2025&key=IN2898> | Field(s) of study: Information and Communication Technologies (ICTs): • Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs) | Thesis: design and implementation of a cloud-based test executor for microcontroller algorithms (in collaboration with Infineon)

### Bachelor degree

**University of Padova** [ 01/09/2015 – 01/03/2019 ]

City: Padova | Country: Italy | Website: <https://informatica.math.unipd.it/laurea/> | Field(s) of study: Natural sciences, mathematics and statistics: • Mathematics • Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics

### high school certificate

**Liceo Scientifico Nicolò Ttron** [ 01/09/2010 – 01/08/2015 ]

City: Schio | Country: Italy | Website: <https://www.liceischio.edu.it/> | Field(s) of study: Natural sciences, mathematics and statistics: • Mathematics

## LANGUAGE SKILLS

**Mother tongue(s):** Italian

**Other language(s):**

### English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

### French

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

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

## SKILLS

---

### Programming & development

JavaScript / Solidity / Go / Python / C/C++ / Rust / SQL

### Blockchain & DLT

Cosmos SDK / Solidity (smart contracts) / Hyperledger Fabric / Ocean Protocol / IDSA connectors

### Software engineering & tools

Node.js / React / Git / CI/CD basics / AWS (foundational)

### Research & analysis

Academic writing (LaTeX) / data privacy & GDPR knowledge / quantitative methods

## CONFERENCES & SEMINARS

---

[ 11/10/2023 – 13/10/2023 ] Paris

**Integrating a DLT-Based Data Marketplace with IDSA for a Unified Energy Dataspace: Towards Silo-Free Energy Data Exchange within GAIA-X** Paper Presentation at [2023 5th Conference on Blockchain Research & Applications for Innovative Networks and Services \(BRAINS\)](#)

Link: <https://doi.org/10.1109/BRAINS59668.2023.10316796>

[ 26/06/2023 – 30/06/2023 ] Torino, Italy

**Exploring the Potential of Energy Data Marketplaces: an Approach based on the Ocean Protocol** Paper Presentation at [2023 IEEE 47th Annual Computers, Software, and Applications Conference \(COMPSAC\)](#)

Link: <https://doi.org/10.1109/COMPSAC57700.2023.00229>

[ 01/01/2024 – 01/01/2024 ] CRC Press

**Enabling Citizen Sustainable Behaviors in Urban Mobility through Blockchain and Tokenization** Book Chapter in book: [Blockchain Technology in the Automotive Industry](#)

Link: <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003450306-17/enabling-citizen-sustainable-behaviors-urban-mobility-blockchain-tokenization-silvio-meneguzzo-elvis-gerardin-konjoh-selabi-alfredo-favenza-valentina-gatteschi-claudio-schifanella>

[ 02/07/2024 – 04/07/2024 ] Osaka, Japan

**Shaping the Future of Energy Markets: Federated Systems and Blockchain Synergy** Paper Presentation at [2024 IEEE 48th Annual Computers, Software, and Applications Conference \(COMPSAC\)](#)

Link: <https://doi.org/10.1109/COMPSAC61105.2024.00324>

[ 05/05/2023 – 05/05/2023 ] Bologna, Italy

**Blockchain for Data Marketplace: Enhancing Security, Privacy, and Trust** Seminar Presentation with [dltgroup.it](#)

Link: [https://scholar.google.com/citations?view\\_op=view\\_citation&hl=it&user=cFT2URcAAAAJ&citation\\_for\\_view=cFT2URcAAAAJ:d1gkVwhDpl0C](https://scholar.google.com/citations?view_op=view_citation&hl=it&user=cFT2URcAAAAJ&citation_for_view=cFT2URcAAAAJ:d1gkVwhDpl0C)

[ 08/07/2025 – 11/07/2025 ] Toronto, ON, Canada

**Design and Evaluation of a Sub-8 Second Decentralised Marketplace for Energy Data** Paper Presentation at [2025 IEEE 49th Annual Computers, Software, and Applications Conference \(COMPSAC\)](#)

Link: <https://doi.org/10.1109/COMPSAC65507.2025.00233>

[ 08/07/2025 – 11/07/2025 ] Toronto, ON, Canada

**A Blockchain-Powered Digital Twin Architecture for Consumer-Centric Energy Systems** Paper Presentation at [2025 IEEE 49th Annual Computers, Software, and Applications Conference \(COMPSAC\)](#)

Link: <https://doi.org/10.1109/COMPSAC65507.2025.00234>

[ 08/07/2025 – 11/07/2025 ] Toronto, ON, Canada

**A Game-Theoretic Incentive Model for DAO Governance** Paper Presentation at [2025 IEEE 49th Annual Computers, Software, and Applications Conference \(COMPSAC\)](#)

Link: <https://doi.org/10.1109/COMPSAC65507.2025.00232>

[ 08/07/2025 – 11/07/2025 ] Toronto, ON, Canada

**Making Smart Contracts Easier To Understand** Contributing to this paper for [2025 IEEE 49th Annual Computers, Software, and Applications Conference \(COMPSAC\)](#)

Link: <https://doi.org/10.1109/COMPSAC65507.2025.00238>

[ 15/04/2025 – 15/04/2025 ] IEEE Open Journal of the Computer Society - Submitted

**Evaluating DAO Sustainability and Longevity Through On-Chain Governance Metrics**

Link: <https://arxiv.org/abs/2504.11341>

## NETWORKS & MEMBERSHIPS

---

[ 22/05/2025 – 22/05/2025 ] Torino

**Invited Speaker** Invited Speaker at CrypTO SERICS Workshop

Link: <https://www.polito.it/ateneo/comunicazione-e-ufficio-stampa/appuntamenti/news?idn=25869>

[ 08/09/2023 – 08/09/2023 ] Bruxelles, Belgium

**Invited Speaker** Presentation of the IoT-DLT-AI Technological Convergence

Link: <https://www.youtube.com/watch?v=yvKQwosij3s>

[ 08/07/2025 – 11/07/2025 ] Toronto, ON, Canada

**Workshop Chair** Workshop Chair for **IEEE International Workshop on Blockchain and Distributed Ledger Technologies (BlockDLT 2025)**

Link: <https://ieeecompsac.computer.org/2025/blockdlr/>

[ 08/07/2025 – 11/07/2025 ] Toronto, ON, Canada

**Workshop Chair** Workshop Chair for IEEE Mentorium 2025: Building Blocks for Researchers

Link: <https://ieeecompsac.computer.org/2025/mentorium/>

[ 01/10/2024 – 01/10/2024 ] Coruña, Spain

**Invited partner** Invited as a visiting researcher to foster international collaboration on advanced DLT-based solutions at **CITIC International Research Projects Week, Universidade da Coruña**

Link: <https://citic.udc.es/en/international-projects-week-concludes-at-citic-with-focus-on-future-opportunities-in-europe/>

[ 08/07/2025 – 11/07/2025 ] Toronto, ON, Canada

**Symposium Chair** One of the Symposium Chairs, contributing to the planning of SRS activities, fostering collaboration amongst student researchers.

Link: <https://ieeecompsac.computer.org/2025/srs/>

[ 01/07/2025 – 01/07/2025 ] Torino

**Workshop Chair** Workshop Chair in event: Hands-on Ethereum Workshop with Austin Griffith (BuidlGuidl). In partnership with Politecnico di Torino, University of Turin and Links Foundation.

Link: <https://luma.com/jgtzi82w>

## VOLUNTEERING

---

[ 01/01/2018 – Current ] Schio

**TEDxSchio organiser & licensee**

Link: <https://www.ted.com/profiles/10204915/about>

[ 01/01/2019 – 01/01/2023 ] Padova

**Startup Grind Padova Chapter Director**

Link: <https://www.startupgrind.com/>

## HONOURS AND AWARDS

---

[ 20/09/2024 ] IOTA Foundation

**IOTA Hackathon** 3rd place (Cagliari 2024)

Link: <https://dlt-school.github.io/>

[ 01/01/2023 ] Ocean Protocol

**Ocean Protocol Ambassador**