

Matteo Paier

Work experience

Software developer | ASD Judo Vittorio Veneto | 01/01/2013 - Current | Vittorio Veneto, Italy

development and maintenance of a software to manage the association members and other association tasks (e.g. medical visits, athlete's federal membership...)

network and system management during Judo competitions organized by the association (e.g. Judo Vittorio Veneto International Trophy)

general IT support

Software developer | DojoWave | 01/01/2016 - Current | Vittorio Veneto, Italy

maintenance of hardware

development and maintenance of a software to manage Judo Kata competitions

deployment and maintenance of the server infrastructure: HTTPS, SMTP, Docker...

on-site assistance for Judo Kata competitions

Research Fellow ("Assegnista di Ricerca") | University of Udine | 01/05/2022 - 31/10/2022 | Udine, Italy

Development of a computer vision model to differentiate paratext from text in digitized Latin manuscripts.

Education & Training

Bachelor Degree in Informatica | Università degli Studi di Udine | 01/10/2016 - 18/10/2019 | Udine, Italy

Final grade: 110/110 cum laude | Level in EQF 6 | Thesis: A GSOS for Attribute-based Communication

Master Degree in Computer Science (double degree) | Università degli Studi di Udine, Alpen-Adria-Universität Klagenfurt | 01/10/2019 - 18/03/2022 | Udine, Italy

Final grade: 110/110 cum laude | Level in EQF 7 | Thesis: A Formal Model for Subjective Communication in Distributed Systems

National Ph.D. program in Cybersecurity | IMT School for Advanced Studies | 01/12/2022 - Current | Lucca, Italy

Level in EQF 8

Language Skills

Mother tongue(s): **Italian**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C2	C2	C1	C1	C1

Publications

Publications

Miculan, M.; Paier, M. A Calculus for Subjective Communication; ICTCS 2022, Rome, Italy, 2022.

De Nardin, A.; Zottin, S.; Paier, M.; Foresti, G. L.; Colombi, E.; Piciarelli, C. Dynamic instance generation for few-shot handwritten document layout segmentation (short paper); In CEUR WORKSHOP PROCEEDINGS (Vol. 3286, pp. 26-34); CEUR-WS, 2022.

De Nardin, A.; Zottin, S.; Paier, M.; Foresti, G. L.; Colombi, E.; Piciarelli, C. Efficient few-shot learning for

pixel-precise handwritten document layout analysis; In Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision (pp. 3680-3688), 2023.

Miculan, M.; Paier, M. (2023). Assembling coherent network topologies using round-trip graphs (short paper). In CEUR WORKSHOP PROCEEDINGS (Vol. 3587, pp. 110-115). CEUR-WS.

Talotti, E., Paier, M., & Miculan, M. (2024). ECC's Achilles' Heel: Unveiling Weak Keys in Standardized Curves. In CEUR WORKSHOP PROCEEDINGS (Vol. 3731). CEUR-WS.

Paier, M., Pizzolitto, M., Foresti, G. L., & Miculan, M. (2024). Netstaldi: A Modular Distributed Architecture for Incremental Network Discovery. In CEUR WORKSHOP PROCEEDINGS (Vol. 3731). CEUR-WS.

Paier, M., Van Eeden, R., & Miculan, M. (2024, November). Formal Analysis of Multi-Factor Authentication Schemes in Digital Identity Cards. In International Conference on Software Engineering and Formal Methods (pp. 423-440). Cham: Springer Nature Switzerland.

Baldo, M., Ion, F. I., Miculan, M., Paier, M., Riccio, V. (2025). OWSM: Empowering Rego for Stateful Access Control. In CEUR WORKSHOP PROCEEDINGS (Vol. 3962). CEUR-WS.

Presentations

Miculan, M.; Paier, M. A GSOS for Attribute-based Communication (short paper); EXPRESS/SOS 2019 workshop, Amsterdam, The Netherlands, 2019.