



Doctoral training progress attestation

Vrije Universiteit Brussel

Name and first name: **Van de Wynckel, Maxim Herman C**
Place and date of birth: Antwerpen(Wilrijk), Belgium on 10 March 1995
Enrollment Number: 0533861
Doctoral Programme: Doctoral Programme of Sciences
Doctoral School: Doctoral School of Natural Sciences and (Bioscience) Engineering
Supervisor: Beat Signer

| | Acquired credits |
|------------------------------|------------------|
| Research output | 39 |
| Teaching & societal outreach | 207 |
| Research-related skills | 28 |
| Transferable skills | 11 |
| Overarching wildcards | 0 |

Research Output

Scientific publications

Proceedings paper

Van de Wynckel M, Valadez Mora JI, Signer B. FidMark: A Fiducial Marker Ontology for Semantically Describing Visual Markers. In *Proceedings of ESWC 2024, 21st International Conference on the Semantic Web, Hersonissos, Greece, May 2024*. Springer. 2024. p. 235-250 https://doi.org/10.1007/978-3-031-60635-9_14

Van de Wynckel M, Signer B. Discoverable and Interoperable Augmented Reality Environments Through Solid Pods. In *Proceedings of SoSy 2024 (Poster), 2nd Solid Symposium, Leuven, Belgium, May 2024*. Vol. 3947. CEUR Workshop Proceedings. 2024. p. 8-16

Malaise Y, Van de Wynckel M, Signer B. Towards Distributed Intelligent Tutoring Systems Based on User-owned Progress and Performance Data. In *Proceedings of SoSy 2024 (Poster), 2nd Solid Symposium, Leuven, Belgium, May 2024*. Vol. 3947. CEUR Workshop Proceedings. 2024. p. 17-23

Van de Wynckel M, Signer B. SemBeacon: A Semantic Proximity Beacon Solution for Discovering and Detecting the Position of Physical Things. In *Proceedings of IoT 2023, 13th International Conference on the Internet of Things, Nagoya, Japan, November 2023*. 2023 <https://doi.org/10.1145/3627050.3627060>

Van de Wynckel M, Signer B. POSO: A Generic Positioning System Ontology. In *Proceedings of ISWC 2022, 21st International Semantic Web Conference, Hangzhou, China, October 2022*. Springer. 2022. p. 231–247 https://doi.org/10.1007/978-3-031-19433-7_14

Van de Wynckel M, Signer B. A Solid-based Architecture for Decentralised Interoperable Location Data. In *Proceedings of IPIN 2022 (WiP), 12th International Conference on Indoor Positioning and Indoor Navigation, Beijing, China, September 2022*. Vol. 3248. CEUR Workshop Proceedings. 2022. p. 1-15. 11

Proceedings paper

Van de Wynckel M, Signer B. Indoor Positioning Using the OpenHPS Framework. In Proceedings of IPIN 2021, 11th International Conference on Indoor Positioning and Indoor Navigation, Lloret de Mar, Spain. IEEE. 2021 <https://doi.org/10.1109/IPIN51156.2021.9662569>

Presentations for academic audience

Paper presentation

Discovering Indoor Environments and Positioning Systems Maxim Van de Wynckel (Speaker) 1 Feb 2025 Activity: Talk or presentation › Talk or presentation at a conference

Discoverable and Interoperable Augmented Reality Environments Through Solid Pods Maxim Van de Wynckel (Speaker) 2 May 2024 → 3 May 2024 Activity: Talk or presentation › Talk or presentation at a conference

Towards Distributed Intelligent Tutoring Systems Based on User-owned Progress and Performance Data Yoshi Malaise (Speaker) & Maxim Van de Wynckel (Speaker) 2 May 2024 → 3 May 2024 Activity: Talk or presentation › Talk or presentation at a conference

FidMark: A Fiducial Marker Ontology for Semantically Describing Visual Markers Maxim Van de Wynckel (Speaker) 28 May 2024 Activity: Talk or presentation › Talk or presentation at a conference

SemBeacon: A Semantic Proximity Beacon Solution for Discovering and Detecting the Position of Physical Things Maxim Van de Wynckel (Speaker) 8 Nov 2023 Activity: Talk or presentation › Talk or presentation at a conference

Rapid Prototyping of a Positioning System Using the OpenHPS Framework Maxim Van de Wynckel (Speaker) 6 Feb 2022 Activity: Talk or presentation › Talk or presentation at a conference

A Solid-based Architecture for Decentralised Interoperable Location Data Maxim Van de Wynckel (Speaker) 7 Sep 2022 Activity: Talk or presentation › Talk or presentation at a conference

POSO: A Generic Positioning System Ontology Maxim Van de Wynckel (Speaker) 24 Oct 2022 Activity: Talk or presentation › Talk or presentation at a conference

Indoor Positioning Using the OpenHPS Framework Maxim Van de Wynckel (Speaker) 1 Dec 2021 Activity: Talk or presentation › Talk or presentation at a conference

Teaching & Societal Outreach

Societal outreach

Media participation

Jong talent: Maxim Van de Wynckel (30) zoekt oplossingen om gebruikers meer controle te geven over hun locatiegegevens Maxim Van de Wynckel 12/03/25 1 item of Media coverage Press/Media: Research

Inovador Jovem Empreendedor Busca Dar Mais Controle aos Usuários sobre Seus Dados de Localização Maxim Van de Wynckel 16/03/25 1 item of Media coverage Press/Media: Research

Taught courses

Teaching courses

Web Technologies, Vrije Universiteit Brussel [Academic year 2425]
Web Technologies, Vrije Universiteit Brussel [Academic year 2324]
Next Generation User Interfaces, Vrije Universiteit Brussel [Academic year 2324]
Databases, Vrije Universiteit Brussel [Academic year 2324]
Web Technologies, Vrije Universiteit Brussel [Academic year 2223]
Databases, Vrije Universiteit Brussel [Academic year 2223]
Next Generation User Interfaces, Vrije Universiteit Brussel [Academic year 2223]
Web Technologies, Vrije Universiteit Brussel [Academic year 2122]
Databases, Vrije Universiteit Brussel [Academic year 2122]
Next Generation User Interfaces, Vrije Universiteit Brussel [Academic year 2122]
Advanced Topics in Big Data, Vrije Universiteit Brussel [Academic year 2122]
Open Information Systems, Vrije Universiteit Brussel [Academic year 2021]
Web Technologies, Vrije Universiteit Brussel [Academic year 2021]
Next Generation User Interfaces, Vrije Universiteit Brussel [Academic year 2021]
Advanced Topics in Information Systems, Vrije Universiteit Brussel [Academic year 2021]
Databases, Vrije Universiteit Brussel [Academic year 2021]
Information Visualization, Vrije Universiteit Brussel [Academic year 2021]
Databases, Vrije Universiteit Brussel [Academic year 2021]
Next Generation User Interfaces, Vrije Universiteit Brussel [Academic year 1920]
Open Information Systems, Vrije Universiteit Brussel [Academic year 1920]
Web Technologies, Vrije Universiteit Brussel [Academic year 1920]
Databases, Vrije Universiteit Brussel [Academic year 1920]
Information Visualization, Vrije Universiteit Brussel [Academic year 1920]
Advanced Topics in Information Systems, Vrije Universiteit Brussel [Academic year 1920]
Databases, Vrije Universiteit Brussel [Academic year 1920]

Taught seminars

Giving workshops

3D Modelling for 3D Printing, Vrije Universiteit Brussel [Academic year 2425]

Student support

Thesis supervision

Thesis supervision for Ronald Irenus A Michiels [Academic year 2021]

Thesis supervision for Ben Bergs [Academic year 2021]

Thesis supervision for Yassine Bouagaz [Academic year 2021]

Thesis supervision for Ahmed Barhdadi [Academic year 2021]

Thesis supervision for Jeroen Els Grégoire [Academic year 2021]

Thesis supervision for Lander Demesmaeker [Academic year 2122]

Thesis supervision for Benjamin Jan Vermunicht [Academic year 2223]

Thesis supervision for Nathan Hoebeke [Academic year 2223]

Thesis supervision for Stoffel Mik J Oostvogels [Academic year 2223]

Thesis supervision for Ahmed Barhdadi [Academic year 2223]

Thesis supervision for Niels Baeten [Academic year 2223]

Thesis supervision for Jordan Shittu [Academic year 2324]

Research-related skills

Research activities

Development

Van de Wynckel M (Author), Signer B (Author). SemBeacon.org Website & Documentation 2023.

Van de Wynckel M (Author). SemBeacon Android Application Google Play Store: Google. 2023.

Van de Wynckel M (Author), Signer B (Author). OpenHPS Framework [@openhps/core] 2021. <https://doi.org/10.5281/zenodo.5163291>

Van de Wynckel M (Author), Signer B (Author). OpenHPS: Single Floor Fingerprinting and Trajectory Dataset 2021. <https://doi.org/10.5281/zenodo.4744379>

Van de Wynckel M (Author), Signer B (Author). OpenHPS.org Website & Documentation 2020.

Reviewing an article

Semantic Web – Interoperability, Usability, Applicability (SWJ) (Journal) Maxim Van de Wynckel (Peer reviewer) Feb 2025 Activity: Publication peer-review and editorial work › Publication peer-review

Interactive, Mobile, Wearable and Ubiquitous Technologies (Journal) Maxim Van de Wynckel (Peer reviewer) 21 Mar 2023 Activity: Publication peer-review and editorial work › Publication peer-review

15th International Conference on Tangible, Embedded and Embodied Interaction (Event) Maxim Van de Wynckel (Peer reviewer) Sep 2020 Activity: Publication peer-review and editorial work › Publication peer-review

artefact

Van de Wynckel M (Author), Signer B (Coordinator). POSO Ontology Zenodo. 2024. <https://doi.org/10.5281/zenodo.14501189>

Attended courses

Signal Theory, Vrije Universiteit Brussel [Academic year 2021]

Attended seminars

Working with the OpenAI API, DataCamp [Academic year 2425]

Introduction to TensorFlow in Python, DataCamp [Academic year 2324]

Indoor Localization using Magnetic-Fields, Universitat Jaume I [Academic year 2122]

HTML5: Geolocation, LinkedIn Learning [Academic year 2122]

AI Fundamentals, DataCamp [Academic year 2021]

Data Engineering for Everyone, DataCamp [Academic year 2021]

Python Data Scientist and R Data Scientist, DataCamp [Academic year 2021]

Transferable skills

Attended seminars

Rode Kruis - Helper, Vrije Universiteit Brussel [Academic year 2324]

Contribution to focus groups, Vrije Universiteit Brussel [Academic year 2324]

Rode Kruis - Eerste Hulp (Basiscursus), Vrije Universiteit Brussel [Academic year 2223]

PhD Introduction Day, Vrije Universiteit Brussel [Academic year 2021]

Introduction to Python, DataCamp [Academic year 2021]

Media Training for Academics, Vrije Universiteit Brussel [Academic year 2021]

Data Science for Everyone, DataCamp [Academic year 2021]

Educational Training for Assistants, Vrije Universiteit Brussel [Academic year 1920]

Thematic Career Workshop: The Job Interview, Vrije Universiteit Brussel [Academic year 1920]


Turning the Tables: Advanced Negotiation Skills, Vrije Universiteit Brussel [Academic year 1920]

The Open Source 101, Free Open Source Universe [Academic year 1920]

Overarching Wildcards

There are no entries beneath this line

11 April 2025



Chloë Foccaert

Head of Education and Student Administration