

Education

2020-2024	UNIVERSITY OF ZURICH, Switzerland PhD, Art History
2018-2020	EPFL (Ecole Polytechnique Fédérale de Lausanne) MEng, Digital Humanities
2017-2018	BRUNEL UNIVERSITY LONDON, United Kingdom MSc, Advanced Multimedia Design and 3D Technologies
2013-2016	UNIVERSITY OF FRIBOURG, Switzerland BSc, Computer Science minors in Art History, and Media and Communication

Experience

Since Dec 2024	Postdoctoral researcher Development of VR experiences for Digital Cultural Heritage VARLab, Università di Bologna, Bologna, Italy
Sept 2023 - Jul 2024	Visiting academic BIBLIOTHECA HERTZIANA, Max-Planck-Institut für Kunstgeschichte Rome, Italy
Sept 2023 - Feb 2024	Research fellow ISTITUTO SVIZZERO, Rome, Italy
Sept 2020 - May 2024	PhD fellow Digital Visual Studies, University of Zurich, Switzerland
Jan - Nov 2020	Research assistant EPFL, Laboratory for the History of Science and Technology
Jan - Jun 2020	Digital humanities researcher, master thesis EPFL+ECAL LAB, Lausanne, Switzerland
Jul - Dec 2019	Digital humanities researcher FONDAZIONE GIORGIO CINI, Venice, Italy

Exhibitions

2024	<i>Flickering mind</i> , Speaking nearby, Final Event Roma Calling 2023/2024, installation and video editing ISTITUTO SVIZZERO A ROMA
2023	<i>Newly formed city</i> , New Directions May Emerge with Dario Negueruela del Castillo, Iacopo Neri, Pepe Ballesteros and Ludovica Schaerf (DVS research group) 2023 HELSINKI BIENNIAL [online], http://newlyformedcity.net/
2022	<i>La main baladeuse</i> , Visual contagions JEU DE PAUME [online], https://jdp.visualcontagions.net/nutilus
2022	<i>Poster World</i> , Planet Digital, interactive installation with EPFL+Ec Lab research group MUSEUM FÜR GESTALTUNG ZÜRICH
2016	<i>Nautilus</i> , interactive installation with Sara Grimm and Andreas Fischer SUMMER FESTIVAL OF BERN UNIVERSITY OF ARTS HKB

Publications

- March 2025 Valentine Bernasconi, Leonardo Impett. *Decoding early modern gestural patterns through hand networks*. In Digital Scholarship in the Humanities. Oxford University Press, 2025
- January 2025 Valentine Bernasconi. *Prendre la pose. Nouvelles perceptions picturales à travers la main du chercheur*. In Parentés électives. Figures et pratiques de la filiation en histoire de l'art, ed. Lisa Cornali, Cyprien Fuchs. Editions Alphil, 2025; p. 205-223
- July 2024 Valentine Bernasconi. *Automated Body Pose Estimation on Painting: A Crisis of Uncertainty*. In From Hype to Reality: Artificial Intelligence in the Study of Art and Culture, ed. Eva Cetinic, Dario Negueruela del Castillo. Hertziana Studies in Art History, vol 3, 2024; p. 75-59
- June 2024 Valentine Bernasconi. *Exhaustion of the Intellectual Effort*. In Speaking Nearby, ed. Piersandra Di Matteo. Bruno, 2024; p. 84-85
- December 2023 Iacopo Neri, Dario Negueruela del Castillo, Pepe Ballesteros Zapata, Valentine Bernasconi, Ludovica Schaerf. *Cityscapes Transformed: Immersive Exploration at the Intersection of Culture, Computation, and Curatorial Practices*. In Disegno, Designing Digital Humanities, vol. VII/01, 2023; p.82-93
- September 2023 Dario Negueruela del Castillo, Iacopo Neri, Paul Guhennec, Javier Argota Sánchez-Vquerizo, Ludovica Schaerf, Valentine Bernasconi, Pepe Ballesteros Zapata. *Tranhistorical Urban Landscape as Hypermap*. In Proceedings of the 34th ACM Conference on Hypertext and Social Media (HT '23). Article 9, 2023, New York, NY, USA; p. 1-5
- June 2023 Valentine Bernasconi, Eva Cetinió, and Leonardo Impett. *A Computational Approach to Hand Pose Recognition in Early Modern Paintings*. Journal of Imaging 9, no. 6; p. 120.
- March 2022 Valentine Bernasconi, *GAB - Gestures for Artworks Browsing*. 27th International Conference on Intelligent User Interfaces (IUI'22 Companion), ACM, New York, NY, USA; p. 50-53
- October 2016 Andreas Fischer, Sara Grimm, Valentine Bernasconi, Angelika Garz, Pascal Buchs, et al. *Nautilus: Real-Time Interaction Between Dancers and Augmented Reality with Pixel-Cloud Avatars*. 28 ème conférence francophone sur l'Interaction Homme-Machine, Fribourg, Switzerland; p. 50-57

Conferences

- March 2025 *A Network of Hands: Decoding Early Modern Pictorial Narrative with Computational Methods*. In L. Costiner, *Reimagining the Study of Art and Architecture Through Digital Approaches: New Tools, New Insights II* [Panel] RSA 2025, Renaissance Society of America, Boston, USA
- February 2025 *Computer vision on cultural artefacts: a digital art history perspective*. Artificial Intelligence for Archaeology: Potential and Challenges. ArCHeoM 2025, Istituto Svizzero, Rome, Italy
- November 2024 *La crise numérique. Cas d'étude de la main peinte à travers l'œil de la machine*. Conference at the faculty of Humanities. University of Lausanne, Switzerland
- January 2024 *Show me your hand. Discussing methodologies for the analysis of hands in art history*.

Round Table organized for *I pomeriggi series*. Istituto Svizzero, Rome, Italy

July 2023

Pose Annotation Project for Artworks: A participatory annotation platform for automated body pose estimation in art.

With Dario Negueruela. Digital Humanities 2023 (DH2023). Collaboration as Opportunity, Graz, Austria

May 2023

Changing perceptions. Decoding Early Modern painted hand gestures through computer vision.

Kommunikationstechniken im Wandel. Alternatives Schreiben, Lesen und Kommunizieren in der Vormoderne. Changing Communication Techniques, International Workshop, May 4, 2023, online.

April 2023

The reality behind working with body pose estimation in paintings: another truth.

From Hype to Reality: Artificial intelligence in the Study of Art and Culture, 20-21 April 2023, Digital Society Initiative, University of Zurich, Switzerland

October 2022

Remonter le temps : nouvelles perceptions de la représentation picturale de la main à travers celle du chercheur.

Les Entretiens de la Fondation Maison Borel, VI^e édition, Autour de la notion de filiation artistique Dialogue avec Elizabeth Prettejohn, Université de Neuchâtel, Switzerland

October 2022

Augmenting art history: a new story of the painted hand.

DARIAH-CH Study Day, Università della Svizzera italiana, Mendrisio, Switzerland

August 2022

Imperfect tools – When uncertainties of automated recognition reveal pictorial peculiarities.

as part of the symposium *Unexpected realities: how uncertainty and imperfection influence perception and interpretation in digital visual studies*, VSAC 2022, Amsterdam, Netherlands

June 2022

A new gesture-based browsing experience for art historical research.

Digital Humanities Conference 2022, Tokyo, Japan

May 2022

Understanding body and hand gestures through the lens of computational methods.

Body posture and art, University of Ghent, Belgium

May 2022

Voir autrement. Aperçu du langage de la main dans la représentation picturale à travers l'Europe d'hier grâce aux technologies d'aujourd'hui.

Séminaire : Fortunes et circulations des images en Europe, Centre IMAGO, Paris, France

Awards and recognitions

October 2022

DARIAH-CH Poster Award

with the poster “*Augmenting art history: a new story of the painted hand*” at DARIAH-CH Study Day, October 20th 2022

2016

JAACS Award 2016

delivered by the Joint Alumni Association in Computer Science for the bachelor thesis “*Interactive dance visualization - a collaboration between art and technology*”