



Academic Personnel Short Profile / Short CV

University:	Open University of Cyprus (Ανοικτό Πανεπιστήμιο Κύπρου)
Surname:	OTTERBACHER
Name:	Jahna
Rank/Position:	Associate Professor
Faculty:	School of Pure and Applied Sciences
Department:	N/A
Scientific Domain: *	Human Factors in Computing, Human-Centered Data Science, Ethics in AI

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D.	2006	University of Michigan at Ann Arbor	Information	Short-term Event Tracking in Dynamic Online News
M.A.	2002	Boston University	Linguistics	
M.A.	2000	University of Michigan at Ann Arbor	Statistics	
B.A.	1997	University of Michigan at Ann Arbor	Economics	



Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2012	Today	Open University of Cyprus	Latsia, CYPRUS	Lecturer Assistant Professor (2012 – 2020) Associate Professor (2020 – today)
2010	2012	Illinois Insitute of Technology	Chicago, USA	Assistant Professor
2006	2008	University of Cyprus	Nicosia, CYPRUS	Visiting Lecturer

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2022	Socio-Economic Diversity in Human Annotations.	Fan, S., Barlas, P., Christoforou, E., Otterbacher, J., Sadiq, S., & Demartini, G.	Proceedings of the 14 th ACM Web Science Conference		98-109
2	2022	Shifting Our Awareness, Taking Back Tags: Temporal Changes in Computer Vision Services' Social Behaviors	Barlas, P., Krahn, M., Kleanthous, S., Kyriakou, K., & Otterbacher, J.	Proceedings of the AAAI Conference on Web and Social Media	16	22-31
3	2022	Mitigating Bias in Algorithmic Systems-A Fish-Eye View	Orphanou, K., Otterbacher, J., Kleanthous, S., Batsuren, K., Giunchiglia, F., Bogina, V., ... & Kuflik, T	ACM Computing Surveys		
4	2022	Perception of fairness in algorithmic decisions: Future developers' perspective	Kleanthous, S., Kasinidou, M., Barlas, P., & Otterbacher, J.	Patterns	3(1)	
5	2021	Do you see what I see? Images of the COVID-19 pandemic through the lens of Google.	Paramita, M. L., Orphanou, K., Christoforou, E., Otterbacher, J., & Hopfgartner, F.	Information Processing & Management	5	
6	2021	It's About Time: A View of Crowdsourced Data Before and During the Pandemic.	Christoforou, E., Barlas, P., & Otterbacher, J.	<i>Proceedings of the 2021 ACM CHI Conference on Human Factors in Computing Systems</i>		



7	2021	Educating Computer Science Students about Algorithmic Fairness, Accountability, Transparency and Ethics.	Kasinidou, M., Kleanthous, S., Orphanou, K., & Otterbacher, J.	<i>Proceedings of the 26th ACM Conference on Innovation and Technology in Computer Science Education</i>	1	484-490
8	2021	To "See" is to Stereotype: Image Tagging Algorithms, Gender Recognition, and the Accuracy – Fairness Trade-off	Barlas, P., Kyriakou, K., Guest, O., Kleanthous, S., & Otterbacher, J.	<i>Proceedings of the ACM on Human-Computer Interaction (CSCW3)</i>	4	1-31
9	2017	Competent men and warm women: Gender stereotypes and backlash in image search results	Otterbacher, J., Bates, J., & Clough, P.	<i>Proceedings of the 2017 ACM CHI Conference on Human Factors in Computing Systems</i>		6620-6631
10	2009	'Helpfulness' in online communities: a measure of message quality	Otterbacher, J.	<i>Proceedings of the 2009 ACM CHI Conference on Human Factors in Computing Systems</i>		955-964

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	2022 – 2024	KeepA(n)I: A Methodological Approach for Identifying Social Stereotypes in Artificial Intelligence Applications	Cyprus Research and Innovation Foundations / Excellence Hubs Program	Faculty Mentor to young researcher coordinator (co-coordinator)
2	2022	CyClops: Cypriot Youth and Online Content	CYENS CoE	Faculty Mentor to young researcher coordinator (co-coordinator)
3	2021 – 2024	Facilitating Human Agency and Oversight in Algorithmic Processes	CYENS CoE	Faculty Mentor to young researcher coordinator
4	2019-2022	DESCANT: Detecting Stereotypes in Human Computation Tasks	Cyprus Research and Innovation Foundations / Excellence Hubs Program	Coordinator
5	2020 - 2022	YNSPEED: Youth New Personal and Employable Skills Development	Erasmus+: KA2	Partner, PI on behalf of OUC
6	2018-2022	CyCAT: Cyprus Center for Algorithmic Transparency	Horizon 2020	Coordinator



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CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



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7	2017-2024	RISE: Research Centre in Interactive Media, Smart Systems and Emerging Technologies	Horizon 2020	Research team member
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**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2022 – 2025	Horizon Europe	External Ethics Advisor	Provide ethical review / auditing for the Horizon project e-Diploma
2	2022 – 2023	AAAI ICWSM	General Chair, the 17 th International Conference on Web and Social Media	Overall coordination of the conference organization
3	2020 – present	EC Research Executive Agency	Expert reviewer	Conduct external reviews of research proposals
4	2019 – present	Human Computation Journal	Member of the Editorial Board	Coordination of reviewing process of submitted manuscripts
5	2019 – present	Frontiers in Artificial Intelligence Journal	Member of the Editorial Board	Coordination of reviewing process of submitted manuscripts

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	11/2022	Keynote speaker at the 6 th International Conference of Photography and Theory (ICPT 2022)	International Association of Photography and Theory
2	9/2022	Keynote speaker at the 14 th International Conference on Computational Collective Intelligence (ICCCI 2022)	Organizing committee of the ICCCI
3	10/2020	Best demo award for <i>OpenTag: Understanding Human Perception of Image Tagging Algorithms</i> (with K. Kyriakou, P. Barlas, and S. Kleanthous)	The Eighth AAAI International Conference on Human Computation and Crowdsourcing (AAAI HCOMP)
4	5/2015	Best Talk related to Inequality, Discrimination, and the Digital Divide	AAAI International Conference on Human Computation and Crowdsourcing – Science Slam

Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Key Activities:
1	7/2022	Keynote Speaker at the Workshop on Adaptive and Personalized Privacy and Security (APPS 2022), held at ACM UMAP	Delivered a keynote talk entitled <i>Algorithmic Analysis of People Images - Reflections on fairness, accuracy and the use computer vision in security and privacy applications</i>
2	2/2022	Invited Speaker at the 1 st Greek ACM-W Chapter Winter School on Fairness in AI	Delivered a talk entitled <i>It's about time...and perspective: A critical look at proprietary computer vision algorithms and the data practices behind them</i>
3	11/2021	Keynote Speaker at the Cyprus Pedagogical Institute's <i>Workshop on Cultivating Digital Citizenship through Media Education</i>	Delivered a talk (in Greek) entitled <i>Big Data and AI: Implications and Challenges for Education</i> (Μεγάλα δεδομένα και τεχνητή νοημοσύνη: Προεκτάσεις και προκλήσεις για την εκπαίδευση)
4	9/2021	Invited Speaker at the 19 th International Conference on Computer Analysis of Images and Patterns (CAIP 2022)	Delivered a talk entitled <i>Computer Vision in the Social World: On fairness and fairness perception in image tagging algorithms</i>
5	9/2021	Invited Speaker at the CLIPE Summer School, (H2020 Doctoral Training Network Summer School)	Delivered a session on <i>Open, fair, and unbiased data: Lessons from computer vision and beyond</i>
6	6/2020	Keynote Speaker at the Workshop on Bias in Automatic Knowledge Graph Construction (KG-BIAS 2020) held at the Conference on	Delivered a talk entitled <i>Bias in Data and Algorithms: A "Fish-Eye View" of Problems, Solutions and Stakeholders</i>

		Automated Knowledge Base Construction (AKBC 2020)	
7	6/2020	Keynote Speaker at the Cyprus Pedagogical Institute's <i>Workshop on Integrating Digital Technologies into the Learning Process</i>	Delivered a talk (in Greek) entitled <i>Everyday Artificial Intelligence: Opportunity for Learning</i> (Καθημερινή Τεχνητή Νοημοσύνη: Ευκαιρία για Μάθηση)
8	6/2019	Keynote Speaker at the International Workshop on Explainable and Holistic User Models (ExHUM) held at ACM UMAP	Delivered a talk entitled <i>Explainability and Fairness in Proprietary Image Tagging Algorithms</i>
9	10/2019	Keynote Speaker at the 1 st International Workshop on Fairness, Accountability and Transparency in MultiMedia (FAT/MM) held at ACM MM 2019	Delivered a talk entitled <i>Fairness in Algorithmic and Crowd-Generated Descriptions of People Images</i>
10	9/2018	Keynote Speaker at PAN@CLEF	Delivered a talk entitled <i>Competent Men and Warm Women: On the Detection and Origin of Gender Stereotyped Image Search Results</i>