

ALKIM ALMILA AKDAG SALAH

PERSONAL INFORMATION

Family name, First name: Alkim Almila, Akdag Salah
Researcher unique identifier(s): H-7418-2012 (ResearcherID)
Date of birth: 28.08.1975
Email: a.a.akdag@uu.nl; almilasalah@sehir.edu.tr
Web: <http://www.almilaakdag.com>
Nationality: Turkish (holds a permanent work permit in EU - onbepaalde verblijfsvergunning)

EDUCATION

University of California, Los Angeles, California

Ph.D. Art History, September 2008

Thesis: 'Discontents of Computer Art: A Discourse Analysis on the Intersection of Arts, Sciences and Technology'

Istanbul Technical University, Istanbul, Turkey

M.A. Art History, June 2001

Thesis: 'A Semiotic Evaluation of Flacons'

Istanbul Technical University, Istanbul, Turkey

B.A. Industrial Product Design, June 1998

St. Georg Austrian High School, Istanbul, Turkey

September 1986 – June 1994.

RELATED EXPERIENCE

Department of Information and Computing Sciences, Utrecht University, the Netherlands

Lecturer, 2018 - today.

College of Communications, Istanbul Sehir University, Istanbul, Turkey

Assoc. Prof, 2016 - today

Department of Social Informatics, Nagoya University, Nagoya, Japan

Visiting Scholar, 2017-2018.

e-Humanities Group, KNAW, Amsterdam, the Netherlands

Associate Researcher, 2014 – 2016.

Computer Science, Bogazici University, Istanbul, Turkey

Adjunct Faculty, 2014 - today

New Media Studies, University of Amsterdam, the Netherlands

Postdoctoral Researcher and Lecturer, 2011-2014.

Visual Communication and Design, Sabanci University, Istanbul, Turkey

Visiting Scholar, 2011-2013.

Virtual Knowledge Studio, KNAW, Amsterdam, the Netherlands

Postdoctoral Researcher for the project Knowledge Space Lab, 2009-2011.

HKU, Hilversum, the Netherlands

Instructor for the course Information Visualization, academic year 2008-2009.

University of California, Los Angeles, USA

ITC (Instructional Technology Consultant), Center for Digital Humanities, academic year 2004-2005.

University of California, Los Angeles, USA
Technology TA, Department of Art History, Spring 2004.

GRANTS & FELLOWSHIPS

Mellon Grant

Software Studies Initiative is awarded 477K \$ for the project: 'Tools for the Analysis and Visualization of Large Image and Video Collections for the Humanities'.

PI of the project is Lev Manovich; one of the case studies of the project is directed by A.A. Akdag Salah, 2012-2015.

VENI Innovational Research Incentives Scheme by NWO (The Netherlands Organization for Scientific Research)

Awarded a personal grant of 300K \$ for the project entitled 'deviantArt: Mapping the Alternative Art World', 2011-2014.

VKS Postdoctoral Fellow, Virtual Knowledge Studio, KNAW, Amsterdam

Received a 3-month postdoctoral scholarship for analyzing the special place of Leonardo at the intersection of arts, sciences and technology, with the specific aim of maturing the ideas proposed in a chapter of my PhD dissertation, as well as supporting them with quantitative analysis, 2009.

Digital Humanities Fellowship, CDH & UDHIG, UCLA

Received a full scholarship and technological support from Center for Digital Humanities and UCLA Digital Humanities Incubator Group to conduct a text mining and citation networks project for the duration of 2006/2007 academic year. The project is designed to provide a backbone structure for the dissertation.

Central European University, Budapest, Hungary

Awarded with a full scholarship by the Soros Foundation for the '*From Art History to Visual Culture Studying the Visual after the Cultural Turn*' summer school, July 2002.

Central European University, Budapest, Hungary

Awarded with a full scholarship by the Soros Foundation for the '*Theory and History of Art after the Cultural Turn*' summer school, July 2001.

JOURNAL PAPERS

Sari, C., A.A. Salah, A.A. Akdag Salah, 'Automatic Detection and Visualization of Garment Color in Western Portrait Paintings,' *Digital Scholarship in the Humanities*, in print.

A. Scharnhorst, R. P. Smiraglia, C. Guéret, A. A. Akdag Salah. (2016). 'Knowledge Maps of the UDC: Uses and Use Cases', *Knowledge Organization*, 43:8, 641-654.

A. Sartori, V. Yanulevskaya, A.A. Akdag Salah, J. Uijlings, E. Bruni, N. Sebe (2015). 'Affective Analysis of Professional and Amateurs Abstract Paintings Using Statistical Analysis and Art Theory', *ACM Transactions on Interactive Intelligent Systems, (TüS)*, 5(2), 8.

A.A. Akdag Salah, L. Manovich, A.A. Salah, and J. Chow (2013). 'Combining Cultural Analytics and Network Analysis,' *Journal of Broadcasting and Electronic Media*, invited for the special issue on "Emerging Methods on Digital Media Research", Volume 57, Issue 3, pp. 409-426, 2013.

A.A. Akdag Salah, A. A. Salah (2013). 'Flow of Innovation in deviantArt: Following Artists on an online Social Network Sites', *Mind & Society*, invited for the special issue on "Cultural Innovation", Volume 12, Issue 1, pp. 137-149, 2013.

K. Suchecki, A. A. Akdag Salah, C. Gao, A. Scharnhorst (2012). 'Evolution of Wikipedia's

- Category Structure', *Advances in Complex Systems*, 15 (Supplement 1). ISSN 0219-5259, <http://arxiv.org/abs/1203.0788>
- A.A. Akdag Salah, A.A. Salah, B. Buter, N. Dijkshoorn, D. Modolo, Q. Nguyen, S. van Noort, B. van de Poel (2012). 'DeviantArt in Spotlight: A Network of Artists', *Leonardo*, 45:5.
- L. Leydesdorff, A.A. Akdag Salah, (2010). 'Maps on the basis of the Arts & Humanities Citation Index: the journals Leonardo and Art Journal, and "Digital Humanities" as a topic,' *Journal of American Society for Information Science*, 61(4), 787-801.
- B. Buter, N. Dijkshoorn, D. Modolo, Q. Nguyen, S. van Noort, B. van de Poel, A.A. Akdag Salah, A.A. Salah, (2011). 'Explorative visualization and analysis of a social network for arts: The case of deviantArt", *Journal of Convergence*, 2:2, pp.87-94.
- L. Leydesdorff, B. Hammarfelt and A.A. Akdag Salah, (2011). 'The structure of the Arts & Humanities Citation Index: A comprehensive mapping on the basis of journals and subject categories,' *Journal of the American Society for Information Science*, 62:12, pp. 2414-2426.
- A.A. Akdag Salah, C. Gao, K. Suchecki, A. Scharnhorst, 'The Need to Categorize: A Comparative Look at Categorization in Wikipedia and the Universal Decimal Classification System,' *Leonardo*, Vol. 45, No. 1 (2012), pp. 84-85.
- A.A. Akdag Salah, Loet Leydesdorff, 'The Development of the Journal Environment of Leonardo', *Leonardo*, Vol. 45, No. 1 (2012), pp. 88-89.
- A.A. Akdag Salah, A.A. Salah (2008). 'Technoscience art: A bridge between art history and neurosciences?' *Review of General Psychology*, 12(2), 147-158.

CONFERENCE PAPERS

- H. Kaya, D. Fedotov, D. Dresvyanskiy, M. Doyran, D. Mamontov, M. Markitantov, A.A. Akdag Salah, E. Kavcar, A. Karpov and A.A. Salah, 'Predicting depression and emotions in the cross-roads of cultures, para-linguistics, and non-linguistics'. *Proceedings of the 9th International Workshop on Audio/Visual Emotion Challenge, AVEC'19, co-located with the 27th ACM International Conference on Multimedia, MM 2019, LILLE*.
- A.A. Akdag Salah, M. Ocak, E. Kavsar, H. Kaya, A.A. Salah, 'Hidden in a breath: Tracing the breathing patterns of survivors of traumatic events', *Digital Humanities*, Utrecht, 2019.
- Musaoğlu, O., Ö. Dağ, A.A. Akdag Salah, A.A. Salah, 'A Generic Tool for Visualizing Patterns in Poetry,' *Digital Humanities*, Montreal, 2017.
- Sari, C., A.A. Salah, A.A. Akdag Salah, 'Tracing the Colors of Clothing in Paintings with Image Analysis,' *Digital Humanities*, Montreal, 2017.
- F. Isikdogan, I. Adiyaman, A.A. Akdag Salah, A.A. Salah (2016). 'A New Database and Protocol for Image Reuse Detection,' October 2016, Computer Vision – ECCV 2016 Workshops, pp.903-916
- Andreza Sartori, Yan Yan, Gözde Özbal, Alkim Almila Akdag Salah, Albert Ali Salah, Nicu Sebe (2015). 'Looking at Mondrian's Victory Boogie-Woogie: What Do I Feel?,' *Proceedings of the Twenty-Fourth International Joint Conference on Artificial Intelligence*, Buenos Aires, Argentina, 25–31 July 2015.
- S. Scagliola, B. Safradin, A. A. Akdag Salah, S. Wyatt, A. Scharnhorst (2015). 'Mapping Digital Humanities Project', *Digital Humanities Benelux Conference*, 8-9 June 2015, Antwerp.
- Sartori, A., B. Şenyazar, A.A. Akdag Salah, N. Sebe, A.A. Salah (2015). 'Emotions in

- Abstract Art: Does Texture Matter?,' *18th Int. Conf. on Image Analysis and Processing (ICLAP)*, Genova, September 7-11, 2015.
- A. A. Akdag Salah (2013). 'Where is Digital Humanities?,' *1st KNOWeSCAPE Conference*, November 2013, Helsinki, Finland.
- Richard P. Smiraglia, Andrea Scharnhorst, Alkim Almila Akdag Salah, Cheng Gao (2013). 'UDC in Action', *International UDC Seminar 2013, Classification & Visualization: Interfaces to knowledge*, October 2013, the Hague, Netherlands.
- A. A. Akdag Salah, S. Wyatt, S. Passi, A. Scharnhorst (2013). 'Mapping EINS - An exercise in mapping the Network of Excellence in Internet Science'. *First International Conference on Internet Science*, April 2013, Brussels, Belgium. <http://arxiv.org/abs/1304.5753>
- A.A. Akdag Salah, A. A. Salah, J. Douglas, L. Manovich (2012). 'Exploring Originality in User-Generated Content with Network and Image Analysis Tools', *Digital Humanities (DH)*, July 2012, Hamburg, Germany.
- A. A., Akdag Salah, A. Scharnhorst, O. ten Bosch, P. Doorn, L. Manovich, A. A. Salah, J. Chow (2012). 'Significance of Visual Interfaces in Institutional and User-generated Databases with Category Structures.' *Proceedings of the Second International ACM Workshop on Personalized Access to Cultural Heritage - PATCH'12*, ed. J. Oomen, L. Aroyo, S. Marchand-Maillet, J. Douglass, 7. New York, New York, USA: ACM Press. doi:10.1145/2390867.2390870.
<http://dl.acm.org/citation.cfm?doid=2390867.2390870>., November 2012, Nara, Japan.
- R. Smilaglia, A.A. Akdag Salah, C. Gao, K. Suchecki, A. Scharnhorst (2012). 'The evolution of classification systems: Ontogeny of the UDC', *12th Conf. of the Int. Society for Knowledge Organization (ISKO)*, August 2012, Mysore, India.
- A.A. Akdag Salah (2011). 'The potential of social online sites for art market: deviantArt as the Next Art Venue', *Networks and Network Analysis for Humanities Conference*, October 2011, UCLA, LA, USA.
- A.A. Akdag Salah, B. Schouten (2011). 'Cybernetic Serendipity Revisited: Interaction, Play & Fun from the Universe of Electronic Art to Metaverse', *17th Int. Symposium on Electronic Art (ISEA)*, September 2010, Istanbul, Turkey.
- C. v.d. Heuvel, A.A. Akdag Salah, C. Gao, K. Suchecki, A. Scharnhorst, (2011). 'Visualizing Universes of Knowledge, Design and Visual Analysis of the UDC' *Classification & Ontology*, September 2011, the Hague, the Netherlands.
- A.A. Akdag Salah, C. Gao, K. Suchecki, A. Scharnhorst, R. Smiraglia, (2011). 'The Evolution of Knowledge, and its Representation in Classification Systems' *Classification & Ontology*, September 2011, the Hague, the Netherlands.
- A.A. Akdag Salah, C. Gao, K. Suchecki, A. Scharnhorst, (2011). 'Design vs. Emergence: Visualization of Knowledge Orders', *7th Iteration of Places & Spaces Exhibition on "Science Maps as Visual Interfaces to Digital Libraries"* (2011).
- A.A. Akdag Salah (2010). 'Performing Curatorial Practices in a Social Network Site: The Curators of DeviantArt', *CHArt 2010*, November 2010, London, UK.
- A.A. Akdag Salah, C. Gao, K. Suchecki, A. Scharnhorst, (2010). 'The Need to Categorize: A Comparative Look at Categorization in Wikipedia and the Universal Decimal Classification System,' *High Throughput in Humanities, Satellite Meeting at European Conference On Complex Systems*, September 2010. Lisbon, Portugal.
- A.A. Akdag Salah (2010). 'The online potential of art creation and dissemination: deviantArt as the next art venue,' *Electronic Visualisation and the Arts (EVA 2010)*, June 2010, Computer Arts Society, London, UK.

- A.A. Akdag Salah, A. Scharnhorst, L. Leydesdorff (2010). 'Mapping the Flow of Digital Humanities,' *Digital Humanities (DH)*, June 2010, Kings College, London, UK.
- A.A. Akdag Salah, C. Gao, K. Suchecki, A. Scharnhorst, L. Leydesdorff, (2010). 'The Importance of Bibliometric Literacy in the Context of Humanities,' *Aesthetics, Methods, and Critiques of Information Visualization in the Humanities, Arts, and Social Sciences Conference* by hyperstudio Digital Humanities at MIT, May 2010, MIT, Boston, USA.
- K. Suchecki, C. Gao, A. Scharnhorst, A.A. Akdag Salah, (2010). 'Design vs. Emergence: The structure of knowledge.' Second Annual Meeting of COST Action MP0801: *Physics of Competition and Conflicts*, May 25. Black Sea, Bulgaria.
- A.A. Akdag Salah, 'Digital Problems, Digital Solutions.' Workshop on *Computational Turn*. March, 2010. Swansea University, Swansea, UK.
- L. Leydesdorff, A.A. Akdag Salah, (2010). 'Journal Mapping in the Humanities on the basis of Arts & Humanities Citation Index.' *ENID Indicators Conference*. March 2010, Paris, France.
- K. Suchecki, C. Gao, A.A. Akdag Salah, A. Scharnhorst, (2010). 'At search for a knowledge space – between classification schemes and knowledge flows.' Workshop on *Infrastructure Landscape* organized by BiG Grid and CLARIN. March 2010. SARA, Science Park, Amsterdam, the Netherlands.
- K. Suchecki, C. Gao, A.A. Akdag Salah, A. Scharnhorst (2010). 'Design vs Emergence: The structure of knowledge.' BIFI 2010, IV International Congress, *Networks: A framework for cross-disciplinary applications*, February 2010. University of Zaragoza, Zaragoza, Spain.
- K. Suchecki, A.A. Akdag Salah, and C. Gao (2009). 'Knowledge Space Lab – An introduction.' Workshop on *Modelling Science: Understanding, forecasting, and communicating the science system*, September 2009, Trippenhuis, Amsterdam, the Netherlands.
- A.A. Akdag Salah, 'Leonardo: A Bridge between arts, sciences and Technology?' *British Art Historians Conference*, April 2008, Tate Museum, London, England.
- A.A. Akdag Salah, Z. Borovsky (2007). 'Citation Networks: A New Humanities Tool?' *Digital Humanities (DH)*, June 2007, Urbana-Champaign, USA.
- A.A. Akdag Salah, 'Technoscience Art: A Bridge Between Neuroaesthetics and Art History?' *From Neuroscience to Humanities*, April 2007, Bucknell, USA.
- A.A. Akdag Salah, 'Artworks versus Design/Visibility versus Visuality: World as Museum,' *Crossroads in Cultural Studies Conference*, June 2002, Tampere, Finland.
- A.A. Akdag Salah, 'Art as Alienation: A Semiotical Interpretation of Flacons,' *Young Art Historians Conference*, December 2001, Istanbul, Turkey.

EDITED BOOKS & CHAPTERS

- A.A. Akdag Salah. 'A fieldguide to analyze the curators of dA.' in *Culture, Technology and the Image. Techniques of engaging with the visual*, ed. by Jeremy Pilcher, Intellect Books, in publication.
- A.A. Akdag Salah, A. Scharnhorst, and S. Wyatt (2015). 'Analysing an Academic Field through the Lenses of Internet Science: Digital Humanities as a Virtual Community.' in *Internet Science, Lecture Notes in Computer Science*, Volume 9089, pp. 78-89. Springer International Publishing.
- Classification and visualization: interfaces to knowledge: proceedings of the International UDC Seminar, 24-25 October 2013, The Hague, The Netherlands. Ed. by A. Slavic, A.A. Akdag Salah & S. Davies. Würzburg: Ergon Verlag, 2013
- A.A. Akdag Salah, C. Gao, K. Suchecki, A. Scharnhorst, (2011). 'Generating Ambiguities:

Mapping Category Names of Wikipedia To UDC Class Numbers,' in *INC Reader #7, Critical Point of View: A Wikipedia Reader*, ed. by Geert Lovink and Nathaniel Tkacz, Amsterdam: Institute of Network Cultures.

PAST TEACHING

Graduate: Information Visualization, A Critical Approach to Image, Introduction to Visual Culture, Introduction to Digital Humanities

Undergraduate: Introduction to New Media and Communication Studies, Visual Communication and Design

SCIENTIFIC ACTIVITIES

Program Chair of the 15th ISSI 2015 Conference (the International Society for Informetrics and Scientometrics), Istanbul, Turkey.

Workgroup Leader of “Visual analytics of knowledge spaces – knowledge maps” of the Cost Action KNOWeSCAPE

Co-organizer of International UDC Conference 2013, Classification & Visualization: Interfaces to knowledge, October 2013, the Hague, Netherlands.

Co-organizer of the Workshop ‘Knowledge Orders and Science’, October 2013, the Hague, Netherlands.

Co-organization of the “Int. Workshop on Modeling Science Dynamics,” Amsterdam, 2010.

Organized a panel session “Networks of Stories, Structures and Digital Humanities” on the Digital Humanities 2010 London, 7-10 July [Dr. Zoe Borovsky, UCLA, Prof. Dr. Wouter de Nooy, UvA, Almila Akdag Salah, VKS]

AREAS OF INTEREST

Digital humanities (information visualization, complex network analysis, image analysis, text mining and analysis), scientometrics, information studies, cognitive science (vision perception, memory and learning) and neuroesthetics, critical theory, postcolonial theory, electronic art, visual culture, new media studies,

LANGUAGES

Turkish (native), English (excellent), German (excellent), Dutch (beginner), Japanese (beginner)

INTERNATIONAL REFERENCES

Prof. Dr. Lev Manovich

The Graduate Center, CUNY Computer Science program

E-mail: manovich.lev@gmail.com

Dr. Zoe Borovsky,

UCLA Center for Digital Humanities & UCLA Library

BOX 951499, 1020 Public Affairs Bldg, Los Angeles, CA 90095-1499

E-mail: zoe@library.ucla.edu

NATIONAL REFERENCES

Dr. Andrea Scharnhorst,

e-Humanities Group, Royal Netherlands Academy of Arts and Sciences

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