

A close-up portrait of a man with dark, wavy hair and light brown eyes, wearing a red jacket. He is looking slightly to the right of the camera with a neutral expression. The background is a plain, light-colored wall.

# Vlad Atanasiu

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<http://waqwaq.info>

## Education

2012 – 2023	<b>Ph.D. Computer Science</b> , University of Fribourg, Switzerland
2003 – 2005	<b>Post-Doc</b> , Massachusetts Institute of Technology, Cambridge, MA, USA
1996 – 2003	<b>Ph.D. Art History</b> , École Pratique des Hautes Études, Paris, France
1995 – 1996	<b>M.A. Paleography</b> , École Pratique des Hautes Études, Paris, France
1993 – 1995	<b>M.A. Linguistics</b> , University of Provence, Aix-en-Provence, France
1990 – 1993	<b>B.A. Middle Eastern Studies</b> , University of Provence, Aix-en-Provence, France
1989	<b>Admission, Telecommunications</b> , Polytechnic University, Timișoara, Romania
1989	<b>Baccalaureate, Science</b> , “Nikolaus Lenau” High School, Timișoara, Romania

## Languages

<b>Natural</b>	English, French, German, Romanian, Arabic (classical, Egyptian & Syrian dialects), Persian — Notions: Italian, Japanese, Hebrew, Turkish; Ancient Near Eastern & Semitic languages and scripts (e.g., Akkadian, Egyptian, Pre-Islamic Arabic, South Arabic)
<b>Formal</b>	Matlab, Java, Python, JavaScript, D3, Processing, XML, HTML, CSS, PHP, PhpMyAdmin, PostgreSQL, MySQL, Unix shell, Basic, MOS 6510 assembler; Aseba for Thymio robots; ESRI ArcGIS Python, Web API, & desktop; Blender; Adobe InDesign IDML, scripting, & GUI; LaTeX, FontLab

## Employment

2025.05 – ongoing	<b>Post-doc, machine learning</b> , Department of Informatics, University of Fribourg, Switzerland
2024.02	<b>Full-stack website developer</b> , PTT-Archive, Kőniz, Switzerland
2021.06 – 2024.01	<b>Digital humanities computer scientist (natural language processing, statistics, visualization, web design)</b> , Digital Humanities, University of Bern, Switzerland
2022.09 – 12	<b>Tutor in academic writing for computer science PhD students</b> , Department of Informatics, University of Fribourg, Switzerland
2019.02 – 2021.01	<b>Senior researcher in computer science (handwriting analysis &amp; legibility enhancement)</b> , Department of Ancient Studies, University of Basel, Switzerland
2020.10 – 2021.01	<b>Senior researcher in computer science (document processing)</b> , School of Engineering and Architecture, Fribourg, Switzerland
2018.09 – 12	<b>Academia-industry computer science project planner (InnoSuisse; document processing)</b> , Department of Informatics, University of Fribourg, Switzerland
2017.09 – 2018.06	<b>Senior researcher in computer science (document processing &amp; visualization), Computer science project planner (Hasler Foundation)</b> , School of Engineering and Architecture, Fribourg, Switzerland
2016.09 – 2017.08	<b>International computer science project planner (Austrian-Flemish; computational history modeling)</b> , Chair of Digital Humanities, University of Vienna, Austria
2012.09 – 2015.06	<b>Researcher in computer science (document processing &amp; visualization)</b> , Lecturer in information visualization, Department of Informatics, University of Fribourg, Switzerland
2011.09 – 2012.02	<b>Lecturer in information visualization</b> , Centre for Information Modeling / Austrian Centre for Digital Humanities, Graz University, Austria
2011.09 – 12	<b>Research analyst (computational document forensics)</b> , National Institute for Applied Sciences (INSA), Lyon, France
2010.09 – 2011.06	<b>Senior researcher in computer science (handwriting analysis)</b> , Télécom ParisTech, Paris, France
2010.09 – 2011.06	<b>Full-stack website designer for a geographical information system (GIS)</b> , National Center for Scientific Research (CNRS), Paris, France
2009.04 – 06	<b>Senior researcher in computer science (GIS, visualization, web design)</b> , Institute for Lexicography of Austrian Dialects and Names, Austrian Academy of Sciences, Vienna, Austria
2007.10	<b>Instructor in paper studies</b> , National Library, Cairo, Egypt
2006.01 – 2010.06	<b>Senior researcher in computer science (image enhancement, GIS, visualization), Computer science project manager (European Commission, seven partners), Computer science project planner</b> , Commission for Scientific Visualization, Austrian Academy of Sciences, Vienna, Austria
2004.09 – 2005.06	<b>Visiting scholar in visual psychology (script legibility)</b> , Lighthouse, New York, USA
2003.09 – 2005.06	<b>Postdoctoral fellow in Islamic art history &amp; Brain and cognitive sciences</b> , Massachusetts Institute of Technology, Cambridge, MA, USA
2003.07 – 09, 2004.07 – 09, 2005.07 – 12	<b>Researcher in computer science (image processing, software develop-</b>

2003.11	<b>ment</b> ), Commission for Scientific Visualization, Austrian Academy of Sciences, Vienna, Austria <b>Consultant in computing (image processing, software development)</b> , National Library of the Netherlands, The Hague
1996.09 – 2003.07	<b>Researcher in computer science (digital manuscripts cataloging, image processing, web design)</b> , Centre National de la Recherche Scientifique, Paris, France
1998.01 – 07	<b>Assistant for visually impaired people</b> , Private person, Paris, France
1997.09 – 12	<b>Developer in digital typography (font design)</b> , Oxford University Press, American University in Cairo, Laboratory of Egyptology, École Pratique des Hautes Études, Paris
1996.09 – 2003.06	<b>Full-stack web designer</b> , Manuscript collection digitization project manager, École Pratique des Hautes Études, Paris, France
1994.09 – 1995.06	<b>Tutor in Arabic language</b> , University of Provence, Aix-en-Provence, France
Ongoing	<b>Graphic Designer</b> , freelance (selected customers: Éditions l'Harmattan, Paris; infoclio.ch, Berne; transcript Verlag, Bielefeld)

## Varia

<b>Field work</b>	2001, <b>Iran</b> , French National Centre for Scientific Research (CNRS) mission 2000, <b>Iran</b> , French National Centre for Research (CNRS) mission 1999, <b>Iran</b> , French Institute of Research in Iran (IFRI) —, <b>Syria</b> , French Institute for Arabic Studies in Damascus (IFEAD) —, <b>Turkey</b> , Istanbul 1998, <b>Egypt</b> , French Institute of Oriental Archaeology in Cairo (IFAO) 1993 – 1994, <b>Syria</b> , French Institute for Arabic Studies in Damascus (IFEAD) 1991 – 1992, <b>Egypt</b> , Department of Arabic Studies in Cairo (DEAC), French Foreign Affairs Ministry
<b>Grants</b>	– <b>European Commission</b> , eContentPlus project “The Memory of Papers: Bernstein. Image based paper expertise and history” / A partnership between nine European institutions, including national libraries, with 3 000 000 € budget, between 2006 and 2009 / Role: co-coordinator, <a href="https://bernstein.oeaw.ac.at">https://bernstein.oeaw.ac.at</a> – Manuscript Heritage: Digital cataloguing and reproduction of manuscripts collections / École Pratique des Hautes Études, UMR 7528 Monde Iranien: <b>Centre National de la Recherche Scientifique</b> , Institut National des Langues et Civilisations Orientales, Université Paris III Sorbonne Nouvelle, 2001 to 2003 / Role: founder, <a href="http://waqwaq.info/projects/heritage/">http://waqwaq.info/projects/heritage/</a>
<b>Fellowships</b>	– <b>Aga Khan Fellowship</b> , Program for Islamic Architecture at the Massachusetts Institute of Technology (2003 – 2004) – International Mobility Fellowship, <b>French Ministry of Education &amp; Research</b> (1998)
<b>Reviewer</b>	Document Engineering (Association for Computing Machinery), International Conference on Document Analysis and Recognition (International Association for Pattern Recognition), Pattern Analysis and Applications, Heritage Science, Abstracta Iranica, Forensic Science International, Graphemics in the 21st century
<b>Expert</b>	European Commission, Horizon 2020 Framework Programme for Research and Innovation
<b>Affiliations</b>	Société Asiatique (France), History & Computing (Switzerland)
<b>Licenses</b>	Paragliding, parachuting, scuba diving

## Books

- 2025 Vlad Atanasiu, **Ugraphia: The Pursuit of Perfect Legibility**, Brest: Fluxus Editions, 2024, 186 p., <https://doi.org/10.36824/2025-atanasiu>. [forthcoming]
- 2014 Vlad Atanasiu, **Expert Bytes—Computer Expertise in Forensic Documents: Players, Needs, Resources, and Pitfalls**, Boca Raton, FL: CRC Press, 2014, 198 p., <https://doi.org/10.1201/b15467>.
- 1999 Vlad Atanasiu, *De la fréquence des lettres et son influence en calligraphie arabe* [**Of Letter Frequencies and Their Influence on Arabic Calligraphy**], Paris: L'Harmattan, 1999, 192 p.

## Articles

- 2025 Vlad Atanasiu, **Chromatographia Coranica**, in Nuria de Castilla, Michael Friedrich (eds.), François Déroche Festschrift, Rome: Istituto per l'Oriente C.A. Nallino. [forthcoming]
- 2023 Vlad Atanasiu, Peter Fornaro, **On the utility of Colour in shape analysis: An introduction to Colour science via palaeographical case studies**, *Heliyon*, 2023, 9 (10): e20698, 25 p., <https://doi.org/10.1016/j.heliyon.2023.e20698>.
- 2022 Vlad Atanasiu, **The Structural Information Potential and Its Application to Document Triage**, *IEEE Access*, 2022, 10: 13103-13138, <https://doi.org/10.1109/ACCESS.2021.3133654>.
- Vlad Atanasiu, **Improving the Quality Control and Exploration of Digital Documents Using Visualization and Serendipity**, *Journal of Information Architecture*, 2022, 6(2): 7-81, <https://doi.org/10.55135/1015060901/222.011/2.046>.
- Vlad Atanasiu, **Applications of the Document Towers method of representing document structures; Annex: Dreams, Architecture, and Information Systems: A brief review of the utility of document exploration**, *Information Design Journal*, 2022, 27(1): 1-47, <https://doi.org/10.1075/idj.20026.ata>.
- Wolfgang Eger (author), Heike Bazak, Christiane Sibille (interviewers), Vlad Atanasiu (editor), **Innovating for the Common Good**, in Vlad Atanasiu, Nicolas Chachereau, Enrico Natale, Christiane Sibille (eds), *Framing Communication Infrastructures (1950-2020): Discours et imaginaires / Diskurse und Vorstellungen, Revue Histoire et Informatique / Zeitschrift Geschichte und Informatik*, vol. 22 (2022), Zürich: Chronos, pp. 123-132.
- Vlad Atanasiu, Isabelle Marthot-Santaniello, **Personalizing image enhancement for critical tasks: improved legibility of papyri using color processing and visual illusions**, *International Journal on Document Analysis and Recognition (IJDAR)*, 2022 (25): 129-160, <https://doi.org/10.1007/s10032-021-00386-0>.
- 2021 Vlad Atanasiu, Rolf Ingold, **Document Towers: A MATLAB software implementing a three-dimensional architectural paradigm for the visual exploration of digital documents and libraries**, *SoftwareX*, 2021, 14: 100684, 7 p., <https://doi.org/10.1016/j.softx.2021.100684>.
- 2018 Vlad Atanasiu, **Ugraphia. The Utopia of the Perfectly Legible Script**, *Extended Abstracts of the conference "Graphemics in the 21st century: From graphemes to knowledge"*, 14-15 June 2018, Brest, France, pp. 113-140.
- 2016 Vlad Atanasiu, **Cuckoos among Your Data: A Quality Control Method to Retrieve Mislabeled Writer Identities from Handwriting Datasets**, *IS&T International Symposium on Electronic Imaging, Document Recognition and Retrieval XXIII*, 15-18 February 2016, San Francisco, CA, paper 056, 16 p., <https://doi.org/10.2352/ISSN.2470-1173.2016.17.DRR-056>.
- 2011 Vlad Atanasiu, **Forensic vs. Computing writing features as seen by Rex, the intuitive document retriever**, *First International Workshop on Automated Forensic Handwriting Analysis*, 17-18 September 2011, Beijing, China, pp. 16-20.
- Vlad Atanasiu, Laurence Likforman-Sulem, Nicole Vincent, **Writer Retrieval—Exploration of a Novel Biometric Scenario Using Perceptual Features Derived from Script Orientation**, *11th International Conference on Document Analysis and Recognition*, 18-21 September 2011, Beijing, China, pp. 628-632, <https://doi.org/10.1109/ICDAR.2011.132>.
- Vlad Atanasiu, **Rex Online**, *Gazette du Livre Medieval*, 2011 (56-57): 131-135.
- Table ronde. Applications actuelles de l'informatique à la paléographie: Quelles méthodes pour quelles finalités ? [**Round Table. Paleographical applications of computer science: Which methods and to what aims?**], *Gazette du Livre Medieval*, 2011 (56-57): 122-123.
- Bernard Hourcade, Amandine Lebugle, Emanuel Giraudet, Poupak Rafii-Nejad, Vlad Atanasiu, **Irancarto : diffuser l'information spatiale pour analyser des questions controversées** [**Irancarto: publishing spatial data to analyze controversial questions**], *Colloque Fonder les Sciences du Territoire*, 23-25 November 2011, Paris, France.
- 2008 Vlad Atanasiu, **Using Cartography to reveal Historical Perspectives**, *Electronic Cultural Atlas Initiative (ECAI) at Pacific Neighborhood Consortium (PNC) Conference*, 4-6 December 2008, Hanoi, Vietnam.
- Wenger Emanuel, Vlad Atanasiu, **Paper Expertise and Contextual Data Provided by the eContentPlus Project Bernstein**, *29th International Congress of Paper Historians*, 27-31 May 2008, Stockholm, pp.

- 93-101.
- 2006 Wenger Emanuel, Vlad Atanasiu, eContentPlus Projekt Bernstein. Das Gedächtnis der Papiere [**eContentPlus Project Bernstein. The Memory of Papers**], Proceedings of Conference Electronic Information: the Visual Arts and Beyond, 2006, Berlin, pp. 65-69.
- Vlad Atanasiu, The President and the Calligrapher: Arabic Calligraphy and Its Political Use [**futility subverted. The instrumentalization of calligraphy in Middle Eastern politics**], Studies in Architecture, History and Culture. Papers by the 2003-2004 AKPIA@MIT visiting fellows, Aga Khan Program for Islamic Architecture at MIT, 2006, pp. 7-20.
- Vlad Atanasiu, Les allographes comme mesure biométrique et la synthèse du comportement [**Allographic biometrics and behavior synthesis**], Cahiers GUTenberg, 46-47 (2006): 5-15.
- 2004 Vlad Atanasiu, **Assessing paper origin and quality through large-scale laid lines density measurements**, Proceedings of 26th Congress of the International Paper Historians Association, 30 August - 6 September 2002, Rome/Verona, pp. 172-184.
- Vlad Atanasiu, Les réalités subjectives d'un paléographe arabe du X<sup>e</sup> siècle [**Subjective realities of a 10th century paleographer**], Gazette du Livre médiéval, 2004 (43): 14-22.
- 2003 Vlad Atanasiu, **Allographic biometrics and behavior synthesis**, TUGboat, 2003 (24.3): 998-1002.
- 2002 Vlad Atanasiu, Le traitement des images et son application à l'histoire du papier: La mesure à grande échelle de la densité de vergeures [**Image analysis and its application to the history of paper: Large-scale measurement of laid lines densities**], Gazette du Livre médiéval, 2002 (41): 31-41.
- 2001 Vlad Atanasiu, 5170 marches jusqu'à Dieu: Traditions musulmanes relatives à la Tour de Babel et à la confusion des langues [**5170 steps until God: Muslim traditions concerning the Tower of Babel and the confusion of languages**], Annales Islamologiques, 2001 (35): 1-16.
- 2000 Vlad Atanasiu, Le Retroencrage: Analyse du ductus des écritures d'après le dégradé du coloris de l'encre [**Retroinking: finding the direction of writing from the intensity of ink**], Gazette du Livre médiéval, 2000 (37): 34-42.
- 1997 Vlad Atanasiu, Calligraphie à 50Hz ou l'art de l'écriture influencée par la fréquence des lettres [**Calligraphy at 50 Hz or the art of writing influenced by the frequency of letters**], Proceedings of AFEMAM-EURAMES Conference, 4-7 July 1996, Aix-en-Provence, France.

### Theses

- 2023 Vlad Atanasiu, **Human Factors as Constraints and Solutions in Document Processing** — Ph.D. Computer science, University of Fribourg, Switzerland, advisor: Rolf Ingold. <https://folia.unifr.ch/unifr/documents/328608>
- 2003 Vlad Atanasiu, Hypercalligraphie: Le phénomène calligraphique à l'époque du sultanat mamluk (Moyen-Orient, XIII<sup>e</sup>-XVI<sup>e</sup> siècle) [**Hypercalligraphy: The calligraphic phenomenon in Mamluk times (Middle East, 13th-16th century)**] — Ph.D. Art History & History, École Pratique des Hautes Études, Paris, France, advisor: François Déroche
- 1996 Vlad Atanasiu, De la fréquence des lettres et de son influence en calligraphie arabe [**Of Letter Frequencies and Their Influence on Arabic Calligraphy**] — M.A. Paleography, École Pratique des Hautes Études, Paris, France, advisor: François Déroche
- 1995 Vlad Atanasiu, Familles lexicales dans le "Lisân al-'arab" & Unité du sens des racines [**Lexical Fields in "Lisân al-'arab" & Semantic Unity of <gh\*> roots**] — M.A. Linguistics, University of Provence, Aix-en-Provence, advisors: Claude-France Audebert and Pierre Larcher
- 1993 Vlad Atanasiu, Les sens dans les sons: d'après "Maqāyīs al-lughā", un dictionnaire d'Ibn Fāris [**Meaning and Sound in "Maqāyīs al-lughā", a dictionary by Ibn Fāris (d. 395/1004)**] — B.A. Middle Eastern Studies, University of Provence, Aix-en-Provence, advisor: Claude-France Audebert

### Edited books

- 2025 Enrico Natale, Vlad Atanasiu (eds), **History of Forecasting**, Revue Histoire et Informatique / Zeitschrift Geschichte und Informatik / History and Computing Journal, 2025 (24), Zürich: Chronos.
- 2022 Vlad Atanasiu, Nicolas Chachereau, Enrico Natale, Christiane Sibille (eds), **Framing Communication Infrastructures (1950-2020): Discourse and Imaginary**, Revue Histoire et Informatique / Zeitschrift Geschichte und Informatik / History and Computing Journal, 2022 (22), Zürich: Chronos.
- 2019 Nicolas Chachereau, Christiane Sibille, Enrico Natale, Vlad Atanasiu (eds), **Enjeux politiques du web: approches historiques / Das Web als politische Herausforderung: historische Perspektiven [Political Challenges of the Web: Historical Perspectives]**, Revue Histoire et Informatique / Zeitschrift Geschichte und Informatik / History and Computing Journal, 2019 (20), Zürich: Chronos, DOI 10.33057/chronos.1466.

## Technical Reports

- 2023 Vlad Atanasiu, **Meaning Is Action: Document Analysis Methods for Accessing Switzerland's Historical Phonebooks**, Final Report, University of Bern, Switzerland, Hasler Project no. 22056.
- 2022 Vlad Atanasiu, **Improving the matching accuracy of card images and electronic records of the Swiss National Library catalog**, School of Engineering and Architecture, HES-SO//Fribourg, iCoSys, Fribourg, Switzerland
- 2020 Vlad Atanasiu, **CardOCR Visual Exploration**, in Beat Wolf, Michael Jungo, Andreas Fischer, Analyse "Automatisierte Integration des alten Sachkatalogs in Alma", School of Engineering and Architecture, HES-SO//Fribourg, iCoSys, Fribourg, Switzerland
- 2018 Vlad Atanasiu, **Structural Information Potential: Theory, Measurement, Representation, Applications**, School of Engineering and Architecture, HES-SO//Fribourg, Fribourg, Switzerland
- 2016 Vlad Atanasiu, **UHU: An interactive web-based software to visualize the graph edit distance**, Department of Informatics, University of Fribourg.
- 2015 Vlad Atanasiu, **Automation of EPUB Production: 1. How can InDesign help the tagging of PDFs?, 2. The Visualization of Document Structures**, Document Image and Video Analysis Group (DIVA), Department of Informatics, University of Fribourg / Sugarcube Sarl.
- 2011 Vlad Atanasiu, **Computational Handwriting Analysis**, Télécom ParisTech, Paris.
- 2005 Vlad Atanasiu, **Spatial properties of written information: measurements, encoding, applications**, Balkan Commission, Austrian Academy of Sciences, Vienna, Austria.
- 1992 Vlad Atanasiu, **Ghagars of the Nile Delta. An Ethnographic and Linguistic Study** (private commission)

## Talks

- 2020 **Contextual Versus Generic Technologies: Lessons from selecting images among a large number of papyri enhancements**, IS&T DigiTips, 15 December 2020, online conference.
- Vlad Atanasiu, Peter Fornaro, **On the Utility of Color for Shape Analysis**, Neo-Paleography conference, University of Basel, 27-29 January 2020, Basel, Switzerland.
- 2019 **Script Styles Panoramas by Computational Synthesis**, 29th International Congress of Papyrology, 28 July - 3 August, Lecce, Italy.
- **Computational Graphonomics (d-scribes Project)**, Computerizing Handwritings: Current Approaches on Historical Documents, University of Basel, 27 June 2019, Basel, Switzerland.
- **Digital Paleography as Odysee**, Center for the Study of Manuscript Cultures, University of Hamburg, 23 Mai 2019, Hamburg, Germany.
- Isabelle Marthot-Santaniello, Vlad Atanasiu, **The Digital Paleography of Greek and Coptic Papyri**, Digital Humanities Exchange Conference DHX2019, University of Basel, 21-22 February 2019, Basel, Switzerland.
- 2017 **See-thorough Books: Visual Exploration of Vesalius' "Fabrica" (1543)**, Panel Hackathons als Zukunftslabor für die digitale Nachhaltigkeit, Conference Digital Humanities im deutschsprachigen Raum, 13-18 February 2018, Berne, Switzerland.
- 2015 **Document and library visualization**, Workshop on The state of the art in image recognition, Digital Cultural Heritage Forum, Association of European Research Libraries (Liber) 44th Conference, 24-26 June 2015, London, UK.
- 2008 **Reflets d'encre: une fantaisie typographique offerte par un paléographe**, Colloque international d'épigraphie islamique, Hommage à Solange Dry, Maison méditerranéenne des sciences de l'homme (MMSH), 28-29 November 2008, Aix-en-Provence, France.
- 2008 **Visionary Scientists: What Scientific Visualization can learn from Graphic Arts**, Aesthetics and Science, Symposium on the Occasion of the Solemn Session of the Austrian Academy of Sciences, 13 Mai 2008, Vienna, Austria.
- 2006 **Bernstein: Collaborative systems for paper expertise and history**, The Islamic Manuscript II: A Conference to Establish The Islamic Manuscript Association (TIMA), Cambridge University, 7-9 August 2006, Cambridge, UK.
- 2004 **Handwriting of the Dead: Advances in Script Identification and Synthesis**, Aga Khan Program for Islamic Architecture at the Massachusetts Institute of Technology, 10 May 2005, Cambridge, MA, USA.
- 2002 **Visible i'ajaz: Three graphic particularities in Qur'an copies**, International Conference on Manuscripts of the Qur'an, 26-28 September 2002, Bologna, Italy.
- **Type with Style!**, Symposium on The history of printing and publishing in the languages and countries of the Middle East, First Congress of Middle Eastern Studies, 9-12 September 2002, Mainz, Germany.
- **The Kabikadj database for manuscripts**, European Association of Middle East Librarians (MELCOM), 27-29 May 2002, Paris, France.
- **The Manuscript Heritage Project for Digital Manuscripts**, French National Centre for Research

- (CNRS), 23 May 2002, Villejuif, France.
- 2000 **Statistics, Language, & Calligraphy** (in Persian), Dramatic Arts Center of Iran, Tehran, Iran  
 — Structures linguistiques et structures graphiques : Problèmes et solutions de la calligraphie du Coran en écritures persane nasta'liq [**Linguistic and graphical structures: Problems and solutions to writing the Qur'an in the Persian nasta'liq style**], French Institute of Research in Iran, 23 December 2000, Tehran, Iran.
- **Linguistic aspects of calligraphy**, 36th International Congress of Asian and North African Studies (ICANAS), 27 August - 2 September 2000, Montreal, Canada.
- **Cultural ramifications of letter frequencies in Arabic**, New York University Florence, Florence, Italy.
- 1998 **Sex, Calligraphy and Politics**, Mamluk Studies Conference / Conference of the Middle Eastern Studies Association, 3-6 December 1998, Chicago, IL, USA.
- 1997 Donne-moi ton regard, je t'offrirais l'immortalité - Apologie pour la sociologie du regard [**Give me your gaze, I will offer you Immortality: Apologue for a sociology of the gaze**], inaugural lecture, Société Asiatique, Palais de l'Institut de France, Paris, France.
- **Give me your gaze, I will offer you Immortality: Apologue for a sociology of the gaze**, 35th International Congress of Asian and North African Studies (ICANAS), Körösi Csoma Society & Eötvös Loránd University, 9-10 July 1997, Budapest, Hungary.
- 1995 5170 marches jusqu'à Dieu: Traditions musulmanes relatives à la Tour de Babel et à la confusion des langues [**5170 steps until God: Muslim traditions concerning the Tower of Babel and the confusion of languages**], Symposium on Atour de la Pentecôte : universalité du langage et pluralité des langues et cultures, 2 June 1995, Aix-en-Provence, France.

### Web publications

- URL <http://waqwaq.info>
- 2011 **Avatars in Real Life: Placename homonymy in Iran**
- 2010 **Inimitable handwriting. Graphical specificities of copying the Qur'an**
- 2009 **7385 Swabian bulls and 2 Viennese mermaids: Interpreting the Bernstein cartography of papers and watermarks**
- **The Score of Death. Plague Epidemics in Europe 1347-1600**
- 2004 **A Japanese Gaze. Using space to represent time and meaning in Japanese animation**
- 1999 **Devil in the Gaze. Depicting social non-conformism in Harīrī's Maqāmāt**

### Reviews

- 2018 **Computer Networks Histories: Illustrated Review**, Lugano, 14-15 December 2017, 28 p., conference review, [infoclio.ch](http://infoclio.ch).
- 2015 **Data and History: Poetry & Cartoons Review**, Symposium, Berne, 16 September 2015, 20 p., conference review, [infoclio.ch](http://infoclio.ch).
- **Document Engineering (DocEng)**, Lausanne, 8-11 September 2015, conference review, [infoclio.ch](http://infoclio.ch).
- 2010 Yuka Kadoi, **Islamic Chinoiserie**, Edinburgh, Edinburgh University Press, 2010 / *Abstracta Iranica*, 32-3 (2009-10): 147, book review.
- 2003 David J. Roxburgh, **Prefacing the Image: The Writing Art History in Sixteenth-Century Iran**, Leiden, E.J. Brill, 2000 / *Abstracta Iranica*, 24 (2001): 82-3, book review.
- W. M. Thackston, **Album Prefaces and Other Documents on the History of Calligraphers and Painters**, Leiden, E.J. Brill, 2000 / *Abstracta Iranica*, 24 (2001): 84-4, book review.

### Unpublished work

- 2000 **Feathers of Angels: Homoeroticism and calligraphy in Renaissance Persia**
- 1998 Les Lampes de Déméter: Le symbolisme sacré des lampes à huile en terre cuite dans les bassin méditerranéen [**Demeter's lamps: Sacred symbolism of terracotta oil lamps around the Mediterranean**]

### Software

- Ongoing Open source code, Matlab File Exchange, MathWorks, <https://ch.mathworks.com/matlabcentral/fileexchange/?q=atanasiu>
- 2022 **Hierax: Software for Enhancing the Legibility of Papyri**, <https://hierax.ch>

## Datasets

2001 **Manuscript Heritage. Iranian Manuscript Series: Digital cataloging & reproduction of manuscript collections**, <http://waqwaq.info/projects/heritage/>

## Fiction (Selection)

Ongoing **Impossible Books**, The New Yorker (submitted)  
Ongoing **Travel to Waqwaq** (photographical geo-fiction)  
2003 – 5 **Fresh Sushi News** (life at MIT)  
1998 Le Moustique [**The fly**], Le Lien, Revue de l'Association Démocratique des Français à l'Étranger, 1998 (November): 14–15  
— La chaise de Richelieu [**Richelieu's chair**] [the cat of the National Library of France]  
1995 Le talisman de Si Sadeq [**Si Sadeq's Talisman**] [fictionalizing documents of the Archives nationales d'outre-mer, Aix-en-Provence]  
1994 Virgule d'Orient ou comment fut construit Babel [**Oriental commas. Or how Babel was build**], in Anne Zali, Annie Berthier (eds), Les Écritures, Paris: Bibliothèque Nationale, 1997, p. 72.  
1990 Le divan bleu [**Blue Divan**] (novel, bound in rabbit fur)

## Visual arts (Selection)

Ongoing **Photography**, Through my Eyes, A photographic journey  
2024 **Journal cover template layout design**, History and Computing, Chronos, Zürich  
2018 **Font**, Metamorphosis  
2015 **Layout**, **Svizzera Open Access. Guida alle risorse online per le scienze storiche e sociali**, infoclio.ch, Berne  
2013 **Cover design**, Frank Peter, Sarah Dornhof, Elena Arigita, eds., Islam and the Politics of Culture in Europe: Memory, Aesthetics, Art, transcript Verlag, Bielefeld  
2009 **Sonification**, Conversations in Deep Space, Les Grands Boulevards, The Alphabets  
2008 **Font**, Sol, homage to Solange Dry  
— **Logo**, Historians of Islamic Art Association  
2006 **Layout**, Roger Delbarre, Communication et violence symbolique: Une autre approche de la société est-allemande, L'Harmattan, Paris  
2003 **Impossible books**, objects, private collection Cristina Pallini, Italy/USA  
2000 **Graphics**, "Art Slash Life", Art/Life, 2000 (5)  
1997 **Fonts** for the transliteration of Oriental languages (Oxford University Press, American University in Cairo and Laboratory of Egyptology, EPHE4, Paris)  
1996 **Web site**, Delia Dumitraşcu, painter

## Calligraphy

1994 Student of calligrapher Adnān Sanaqnaqī in **Damascus**, Syria (nasta'liq calligraphic style)  
1993 Follows the teaching of master Hassan Celebi in **Istanbul**, Turkey (ruq'a calligraphic style)  
1992 – 3 Noviciate with Prof. Solange Dry at the University of Provence, **Aix-en-Provence**, France