

VICKY KALOGEITON

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EDUCATION

Habilitation (HDR), Ecole Polytechnique, IP Paris 2024

“*Story-level multimodal generativeAI: from understanding to generating visual data using multiple modalities*”

Jury: J. Sivic (Czech Technical), R. de Charette (INRIA), D. Samaras (Stony Brook), M. Cord (Sorbonne, valeo.ai), J. Gall (Bonn Uni), V. Lepetit (ENPC), E. Ricci (Trento, Fondazione Bruno Kessler), J. Verbeek (FAIR, Meta)

PhD, CALVIN, University of Edinburgh and THOTH (previous name LEAR) INRIA Grenoble 2013–2017

“*Localizing spatially and temporally objects and actions in videos*”

Advisors: Vittorio Ferrari, Cordelia Schmid

M.Sc, Democritus University of Thrace (DUTH) 2011–2013

Advisor: Georgios Ch. Sirakoulis; Grade: Excellent (10.00/10), graduated cum laude 1st in class

M.Eng, University of Deusto, Spain (exchange) 2009–2010

M.Eng, DUTH, Electrical & Computer Engineering 5-year undergraduate degree (master equivalent) 2006–2011

Advisor: Georgios Ch. Sirakoulis; Grade: Excellent (8.54/10), graduated cum laude 3rd in class

RESEARCH EXPERIENCE

Contributing Researcher in Artificial Intelligence, Archimedes AI, Greece 2025–

Professor in Artificial Intelligence, head of VISTA team 2025–, LIX, École Polytechnique

Assistant Professor, VISTA team 2020–2025 (*10-months maternity leave 2022*) Sep 2020–

Research Fellow, VGG, University of Oxford with Andrew Zisserman 2019–2021

Post-doctoral, VGG, University of Oxford IARPA project (DIVA) with Andrew Zisserman 2018

Research Assistant, THOTH, INRIA, Grenoble with Cordelia Schmid Jul 2017–Nov 2017

Research Internship, Democritus University of Thrace, with Georgios Ch. Sirakoulis May 2012 – Sep 2012

Internship, COMMON Ltd, Lodz, Poland; “Microprocessors for gas flow measurement” Jul 2009 – Aug 2009

HONOURS/AWARDS

- **CNRS Bronze Metal**, highest award for junior researchers in France 2026
- **Spotlight paper award** (3.5% of submissions) at NeurIPS 2025
- **Highlight paper award** (11% of submissions) at CVPR 2024
- **Honorable mention paper award** (0.5% of submissions) and Oral (4% of submissions) at ACCV 2022
- **Outstanding Area Chair award** (awarded to four Area Chairs) at ACCV 2022 2022
- **JCJC grant award** for junior researchers in France 2022
- **Best paper award** ICCV-W ‘AI for Creative Video Editing and Understanding’ 2021
- **Outstanding reviewer award** ICCV 2021
- **Outstanding reviewer award** ECCV 2020
- **Outstanding reviewer award** ICCV 2019
- **Outstanding reviewer award** ICCV-W NA 2019
- **Outstanding reviewer award** CVPR 2018
- **Emergency reviewer award** CVPR 2022, ICCV 2021, ECCV 2020, ICCV 2019, ECCV 2018

- **Best poster** award from the Ecole Doctorale Mathématiques, Sciences et Technologies de l'Information, Informatique, CED, Communauté Université Grenoble Alpes 2016
- **Valedictorian**, MSc, Democritus University of Thrace (DUTH), Greece 2012–2013
- **Best master thesis** award from ECE, DUTH 2012–2013
- **Research Scholarship**, University of Edinburgh, UK 2013
- **Research Scholarship**, DUTH, Greece 2012
- **Best paper** award, EUREKA! 2010 2010
- **Research Scholarship**, University of Deusto, Spain 2009
- **Excellence KARY** award for highest GPA, DUTH, Greece 2008–2009
- **Academic Excellence**. Greek Ministry of National Education & Religious Affairs 2005–2006

GRANTS

I list projects for which I am the PI or primary PI at Polytechnique and include only my part of the grant. I have raised over 1.8+M € without my PhD or post-doc advisors.

- **DIM AI4IDF CVPR @ Paris** 2026
- **DIM AI4IDF HI-VLA** 2026
- **ANR PEPR BRAINTWIN** project 2026
- **Google DeepMind Academic Gift** 2025
- **Google Gemini credits** grant 2025
- **Junior chaire in AI**, PI by Hi!Paris 2025
- **CNRS**, PI. Funding for CVPR in Paris 2025
- **AMIAD**, PI. Project ‘Synthetic Captioner’, associated with the PhD of L.Degeorge 2024
- **CIEDS**, co-PI (PI for Polytechnique). Project ‘FakeDet’ 2024
- **Hi!Paris**, Post-doc fellowship associated with Dr. Xi Wang 2024
- **Hi!Paris**, Research project 2024
- **Microsoft academic gift**, PI. Azure Cloud Hub 2024
- **Hi!Paris**, Research project 2023
- **Archimedes**, co-PI (PI for Polytechnique). ‘AI-Enabled Digital Pathology’ 2023
- **Microsoft academic gift**, PI. Azure Education Hub 2023
- **ANR JCJC**, PI. Project ‘WhyBehindScenes’ 2023
- **Google TPU** Research Cloud grant 2022
- **ANR PRCE**, co-PI (PI for Polytechnique). Project ‘APATE’ 2022
- **Alliance, DTU**, co-PI (PI for Polytechnique)
Associated with the PhD of T. Delatolas and collaboration with D.P. Papadopoulos 2022
- **DIM RFSI**, PI. Project ‘RailwayStyleTransfer’ 2021
- **CNRS INS2I**, PI. Project ‘Multiple Modalities for Video Understanding’ 2021

ADVISING

All students I supervise are funded by me or collaborators, with whom I fostered relations. Since my professorship, all students I supervise are **without my PhD or post-doc advisors**.

- **PhD**
 - Yuanzhi Zhu with Stéphane Lathuilière (Inria) 2025–
 - Lefteris Tsonis with Xi Wang (Polytechnique) 2025–

- Lucas Degeorge, with David Picard (École des Ponts) 2024–
- Arijit Ghosh, with David Picard (École des Ponts) 2024–
- Xianjin (Xavier) Gong, with Damien Rohmer (Polytechnique) 2024–
- Ridounae Ghermi, with Ivan Laptev (MBZUAI) 2023–
- Robin Courant, with Marc Christie (Inria) (currently academic visit at UCL) 2022–
- Julie Mordacq, with Steve Oudot (Polytechnique) 2022–
- **PhD collaborators**
 - Stefan Geyer with Alina Roitberg (University of Stuttgart) 2024–
 - Isabel Jimenez Velasco with Manuel J. Marin-Jimenez (Cordoba University) (fall 2024, fall 2025 Polytechnique visits) 2023–
- **Interns.**
 - Zihang He, Polytechnique 2025–
 - Luc Boudier, Polytechnique 2025–

Past

- **Graduated PhD**
 - Nicolas Dufour, with David Picard (École des Ponts) (now post-doc at Kyutai) 2021-2025
 - Thanos Delatolas, with Dim P. Papadopoulos (Technical University of Denmark) (now at Teton) 2022-2025
 - Yasser Benigim, with Stéphane Lathuilière (Inria) and Slim Essid (Telecom Paris) 2021-2025
 - Nefeli Andreou, PhD collaborator with Victoria Fernández Abrevaya (MPI), and Marie-Paule Cani (Polytechnique) (now researcher at Amazon) 2022-2024
 - Léo Milecki, with Maria Vakalopoulou (CentraleSupélec) (now post-doc at NYU) 2021–2023
 - Ariel Kwiatkowski, with Marie-Paule Cani (Polytechnique) and Julien Pettre (Inria Rennes) (now researcher at FAIR, Meta) 2020–2023
 - Andrew Brown, PhD collaborator with Andrew Zisserman (VGG, University of Oxford) (now researcher at Meta) 2019–2021
- **Research Fellows**
 - Dr. Z.S. Liu, Polytechnique and Hong Kong Polytechnic (now Associate Prof. at LUT University) 2021-2022
 - Xi Wang, Polytechnique (now Assistant Professor at Polytechnique) 2023–2025
- **MSc**
 - Lucas Degeorge, with Nicolas Dufour and David Picard (École des Ponts) (now: PhD) 2024
 - Ridounae Ghermi with Ivan Laptev (INRIA Paris) (now: PhD) 2023
 - Nicolas Dufour with David Picard (École des Ponts) (next: PhD) 2021
 - Robin Courant with Marc Christie (Inria Rennes) and Christophe Lino (Polytechnique) (now: PhD) 2021
 - Isabel Jimenez Velasco with Manuel J. Marin-Jimenez (Cordoba University) (now: PhD) 2021
 - Adrien Cances, Polytechnique (after: MVA) 2021
 - Mohita Chowdhury, University of Oxford (now: Google DeepMind) 2019–2020
- **BSc**
 - M. Edberg, ‘Audio-Visual Understanding of Human Interaction in videos’, Polytechnique 2021–2022
 - L. Walewski, ‘Video Summarization using Multiple Modalities’, Polytechnique 2021–2022
 - L. Milikic, ‘Spatio-temporal action localization’, Polytechnique 2021–2022
- **Research students.**
 - Luc Boudier, Polytechnique (now: internship) 2024-2025
 - Loris Manganelli, Polytechnique (next: MVA) 2024-2025

SERVICE

- **Program Chair.** CVPR 2027

- **Diversity Chair.** ICCV 2025
- **Area Chair.**
 - ICCV: 2025, 2023
 - CVPR: 2026 (Lead AC), 2025, 2021
 - ECCV: 2026 (Lead AC), 2024
 - WACV: 2024
 - ACCV: 2024, 2022
- **Associate Editor.**
 - International Journal of Computer Vision (IJCV) Guest editor 2025
 - Computer Vision and Image Understanding (CVIU) 2024–
 - Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization 2017–2024
- **New Initiatives.**
 - CVPR in Paris, 500 participants 2025, 2026
 - GreeksInAI 2025, 200 participants 2025
 - 1st Computer Vision Workshop at IP Paris, main organizer, 100 participants 2025
 - Founding member. ECE Robotics Team, DUTh, Greece 2010
- **Workshop (co)organizer.**
 1. ECCV-W 2026 Story-Level Movie Understanding and Audio Description
 2. ECCV-W 2026 3rd Workshop on Audio-Visual Generation & Learning
 3. ICCV-W 2025 2nd Workshop on Audio-Visual Generation & Learning
 4. ICCV-W 2025 Story-Level Movie Understanding and Audio Description
 5. ICCV-W 2021 Real-World Computer Vision from Inputs with Limited Quality (RLQ)
 6. Doctoral Symposium at AIMLSystems 2021
 7. CVPR-W 2021 Future Video Conferencing (FVC)
 8. 10th International Conference on Cellular Automata for Research and Industry (ACRI), Greece, 2012
- **Special issues.** IJCV 2025 ‘Audio-Visual Generation’
- **Session Chair.**
 1. ECCV 2024 (Generative AI)
 2. ICCV 2023 (Vision+language)
- **Reviewer for international journals.**
 - TPAMI 2017–
 - IJCV 2018–
 - CVIU 2018-2024
 - TOM 2018-2019
 - TIP 2018-2019
 - Journal of Computer Science Review 2017
- **Reviewer for conferences.**
 - ICLR 2026
 - ECCV 2018, 2020, 2022
 - ICCV 2019, 2021

- CVPR 2018, 2019, 2020, 2022
- NeurIPS 2018 (top 30% highest-scoring reviewers)
- BMVC 2019, 2020
- WACV 2025
- IVC 2018
- ACCV 2018, 2020
- IEEE TCSVT 2017, 2018, 2019, 2020, 2021
- IMAVIS 2018
- AIMLSystems 2021
- AAAI 2021

- **Reviewer for Workshops.**

- WiCV ICCV 2021, 2023
- ECCV-W 2018 ‘What is Optical Flow for?’
- ‘Neural Architects’ Workshop ICCV 2019
- WiCV CVPR 2018–
- WiCV ECCV 2018–

COMMITTEES

Project committes.

- 1 out of 10 members in France for reviewing projects for the AI axis of the national GPU cluster 2025–
- ANR (French National Agency) PCRE projects 2025–
- Indo French Centre for the Promotion of Advanced Research (CEFIPRA) 2025–
- ELLIS evaluation 2025–

Hiring committee.

- Tenure-Track Assistant Professor in Multimodal Intelligent Systems, ENSE, Cergy 2026
- Tenure-Track Assistant Professor in AI, CentraleSupelec 2026
- Tenure-Track Assistant Professor in Multimodal AI, TelecomParis 2026
- Tenure-Track Assistant Professor in Multimodal AI, Polytechnique 2025
- Tenure-Track Assistant Professor in Trustworthy AI, Polytechnique 2025
- Assistant Professor in Trustworthy AI, Polytechnique 2025
- Assistant Professor in Computer Vision, Grenoble INP/Ensimag/LJK 2025
- Assistant Professor in Computer Vision, Grenoble INP/Ensimag/LJK 2023
- Assistant Professor in Computer Science, Polytechnique 2021

PhD committee. (not including my students)

1. M. Weber (Technical University of Munich, 2026, external examiner) expected 06/2026
2. A. Schnepf (University Cote Azure, examiner) expected 06/2026
3. T. Berrada (Inria, Meta 2026, reporter) expected 05/2026
4. L. Zanella (University of Trento, reporter) expected 04/2026
5. F. Garderes (Inria, Louis Vuitton, reporter) expected 04/2026
6. M. Shukor (Sorbonne, examiner) 03/2026
7. K. Kassab (Criteo 2026, examiner) 03/2026

8. A. Brunetto (Mines 2025, reporter)	11/2025
9. P. Couairon (Sorbonne 2025, examiner)	11/2025
10. C. De Sousa Trias (Telecom SudParis 2025, examiner)	06/2025
11. Y. Li (ENS Paris Saclay 2025, examiner)	06/2025
12. R.S. Sundararaman (Polytechnique 2025, examiner)	05/2025
13. P. Doubinsky (CNAM 2024, examiner)	2024
14. L. Jezequel (CY Cergy Paris Université 2023, examiner)	2023
15. T. Issenhuth (École des Ponts ParisTech 2023, examiner)	2023
16. S. Roburin (École des Ponts ParisTech 2022, examiner)	2022
17. M.M. Paumard (École des Ponts ParisTech 2020, examiner)	2020

Thesis followup committee. (Comité de suivi de these, CSI)

1. E. Cussenot, Inria, 2026
2. D. Restrepo, CentraleSupélec, 2025
3. H. Margaryan, ENS Paris Saclay 2025
4. K. Kassab, IGN 2023, 2024, 2025
5. A. Schnepdf, Criteo 2024
6. T. Martyniuk, Inria & Mines Paris 2024, 2025
7. T. Darcet, Inria Grenoble, Meta 2022, 2023, 2024

Local Initiatives/Responsibilities: Polytechnique / IP Paris / Hi!Paris

- **GPU Committee** (founder and lead), Polytechnique, IP Paris, Hi!Paris 2024–
- **StrategyInAI**, Polytechnique 2025–
- **Hi!Paris**, AI Representative for Polytechnique, France 2024–
- **Co-responsible for MSc Artificial Intelligence & Visual Computing**, Polytechnique, France 2023–2024
- **Pedagogic team Coordinator** on Vision, Graphics, Learning, Computer Science Department 2021–2022
- **Co-responsible** for Induction of Newcomers at Laboratory of Computer Science, Polytechnique 2021-2024
- **Student supervision.** France 2030 plan 2021

TALKS

I list below some talks but I usually cannot follow through with such invites, as I fly up to two times a year (including conferences) to reduce my environmental footprint and to spend time with my wonderful 4-year-old.

- IFERP keynote expected 09/2026
- Human-inspired Computer Vision workshop, ECCV expected 09/2026
- Rendez-vous avec l'IA, Capgemini France expected 06/2026
- Le Seminaire Palaisien, Paris, France expected 05/2026
- Oxford University, UK 03/2026
- UCL, London 03/2026
- [AI Summit](#) Paris 02/2026
- Section for Visual Computing, DTU, Denmark 12/2025
- Pattern Recognition and Computer Vision Colloquium, Prague, Czech Republic 10/2025
- ICIAP workshop, Italy 09/2025
- Computer Vision day at Archimedes, Greece 07/2025
- Kyenote at EFAI25 International Conference - USJ Lebanon 06/2025
- LVMH, Paris 02/2025

• AI Summit, Paris	02/2025
• Google DeepMind	01/2025
• INRIA Paris	01/2025
• IP Paris, CV Workshop, Paris	01/2025
• MBZUAI, Abu Dhabi	11/2024
• Capture One, Denmark	06/2024
• Archimedes, Athens, Greece	05/2024
• University of Cagliari, Sardinia	01/2024
• University of Stuttgart, Germany	12/2023
• Budapest University of Technology and Economics, Hungary	11/2023
• Continental AI, Germany	11/2023
• Amazon Berlin	10/2023
• University of Twente, The Netherlands	10/2023
• Paris Brain Institute, France	09/2023
• ENS Paris Saclay, France	07/2023
• Kuis AI, Turkey	06/2023
• Dell	02/2023
• Hi! Paris, France	09/2022
• IP Paris, France	03/2022
• IMAGINE, École des Ponts (ENPC), France	09/2021
• BSc, École Polytechnique, France	06/2021
• IMAGE, Telecom Paris, France	04/2021
• Science and Video Games Conference: AI and Cooperation	03/2021
• LIXO, Paris	10/2020
• LIX, École Polytechnique, France	09/2020
• University of Bristol, UK	05/2020
• DataSig Seminar, Alan Turing Institute, UK	02/2020
• AVA group, University of Cordoba	02/2019
• VGG, University of Oxford	12/2017
• Inria, Grenoble	03/2017
• IPAB seminar, University of Edinburgh	07/2015

OUTREACH

I try to be active with several outreach activities (30+) across different aspects: talks in high schools and summer /winter schools, making AI accessible, mentoring underrepresented communities and women and boosting efforts for AI in Greece. Similar to invited talks, I limit my travel for such events (mostly in Paris or Athens) to reduce my environmental footprint and to spend time with my wonderful 4-year-old and dog.

1. Making AI accessible: AI for Science event, Paris	expected 10/2026
2. Talks in Summer Schools: Advancing Scientific Discovery with AI, Caen, France	expected 06/2026
3. Women outreach: Women in science, Polytechnique, Paris	expected 04/2026
4. Talks in Summer Schools: Generative Modelling Spring School (GeMSS), London	expected 03/2026
5. Talks in Summer Schools: AI Excellence lecture series of the International AI Doctoral Academy (AIDA)	02/2026
6. Talk in High school: Lecturer at ‘Digital and Computer Science Week 2025’ for high school students (‘NSI’ by CNRS)	12/2025
7. Making AI accessible: Forum Innovation & Defence, Paris, France	11/2025
8. Making AI accessible: Executive Master, Polytechnique	11/2025

9. Talks in Summer Schools: Lecturer at International Artificial Intelligence Summer School (IAISS), Tuscany	09/2025
10. For Greece: Participation in the Archimedis effort	08/2025
11. Underrepresented communities: Lecturer at African Computer Vision Summer School (ACVSS), Rwanda	07/2025
12. Talks in Summer Schools: Lecturer at AI+Science Summer school	07/2025
13. For Greece: Session chair at GreeksInAI	07/2025
14. Making AI accessible: Executive Master, Polytechnique	06/2025
15. Making AI accessible: Talk at European Parliament , EU Digital Technologies & Policy	05/2025
16. Making AI accessible: Keynote at SRPING 2025, AI for startups	05/2025
17. Making AI accessible: Computer vision for Social Sciences	04/2025
18. Making AI accessible: Catalyst Seminars on AI, Observatoire Paris	03/2025
19. Making AI accessible: AI Summit Paris 2025	02/2025
20. Women outreach: Women in Science, Polytechnique, Paris	02/2025
21. Talks in High school: Lecturer at ‘Digital and Computer Science Week 2024’ for high school students (‘NSI’ by CNRS)	12/2024
22. Making AI accessible: Ministry of Armes, Paris, France	11/2024
23. Making AI accessible: Lecturer at Generative AI for business, Executive Education, Polytechnique	11/2024
24. Talks in Summer Schools: Lecturer for GenAI autumn school Paris	10/2024
25. Mentoring: Speed Mentoring ECCV 2024	10/2024
26. Underrepresented communities: Deep Learning Indaba (African DL Summer School), Dakar, Senegal	09/2024
27. Mentoring: Retreat & Mentor ENPC	06/2024
28. Making AI accessible: Executive Master Ecole Polytechnique	05/2024
29. Talk in High school: Lycée International de Palaiseau Paris Saclay, Paris	04/2024
30. Making AI accessible: Ministry of Armes, Paris, France	03/2024
31. Mentoring: Hi!Paris reading group, Paris	04/2024
32. Talks in High school: Lecturer at ‘Digital and Computer Science Week 2023’ for high school students (‘NSI’ by CNRS)	12/2023
33. Talks in Summer Schools: Hi!Paris Summer School	07/2023
34. Women outreach: Mentoring Women in Computer Vision WiCV ICCV-W 2021	2021
35. Talk in Middle school: “Introduction to AI.” Oxford Royale Academy; AI for kids 8 to 12 years old	2021
36. Women outreach: Mentoring Women in Computer Vision WiCV CVPR-W 2021	2021
37. Women outreach: Mentoring Women in Computer Vision WiCV ECCV-W 2020	2020
38. Talk in Middle school: “Introduction to AI.” Oxford Royale Academy; AI for kids 8 to 12 years old	2020
39. Women outreach: Mentoring Women in Computer Vision WiCV CVPR-W 2019	2019
40. Talk in Middle school: “Introduction to AI.” Oxford Royale Academy; AI for kids 8 to 12 years old	2019
41. Talk in Primary school: West Kidlington Primary School, UK	07/2019

PRESS

• AI Summit Paris	2026
• Underscore for work ‘Around the world in 80 timesteps’, by my PhD student in French	2025
• AI: towards ever more efficient image generation IP Paris	2025
• AI Summit Paris 2025	2025
• Computer Vision Journal ECCV 2024 Daily	2024
• Archimedis AI day	2024
• Ministry of Army, AI AMIAD	2024
• Polytechnique News, Science and Video Games Conference: AI and Cooperation	2021

- Computer Vision Journal CVPR 2019 Daily 2019
- Press Interview ICCV 2017 Daily 2017
- Best of ICCV 2017 2017
- Women in computer vision 2017

SOFTWARE & DATASETS

Software (22 as advisor)

1. Pulp-motion for camera-human motion coordination 2026
2. TREGS Minimum Spanning Tree Regularization for Self-Supervised Learning 2025
3. Di[M]O: Distilling Masked Diffusion Models into One-step Generator 2025
4. DiPSY for image translation 2025
5. Diffusion for VOS 2025
6. Plonk for visual geolocation 2025
7. AKIRA for video generation 2025
8. CAD: Coherence-Aware Diffusion 2024
9. ADAPT: Anchored Multimodal Physiological Transformer 2024
10. CLOUDS: Collaborating Foundation models for Domain Generalized Semantic Segmentation 2024
11. FunnyNet-W 2024
12. BluNF Blueprint Neural Field 2023
13. EVA-VOS Efficient Video Annotation for Video Object Segmentation 2023
14. DATUM One-shot Unsupervised Domain Adaptation with Personalized Diffusion Models 2023
15. Multimodal renal transplantation prediction 2023
16. FunnyNet for finding funny moments in videos 2022
17. SCAM for subject transfer 2022
18. Renal Transplant Prediction for medical image processing 2022
19. UGaitNet for gait recognition in videos 2022
20. MuHPC for video person clustering 2021
21. Multiple Style Transfer 2021
22. Gait recognition 2021
23. LAEO++ for mutual gaze detection 2021
24. C1C for video face clustering 2020
25. Smooth-AP for object retrieval 2020
26. Action-Tubelet Detector for spatio-temporal action localization DL method 2017
27. Joint object-action learning 2017

Datasets (4 as advisor)

1. ImageNet captions for text-to-image generation 2025
2. E.T. Camera Trajectories with captions 2024
3. Short Film 20K (SF20K) Dataset 2024
4. FunnyNet-Friends. Funny moments in Friends 2022
5. VPCD. Video person clustering 2021
6. Friends. Face-tracks with annotations and identity labels 2020
7. LAEO datasets: AVA-LAEO and UCO-LAEO 2019
8. YouTube-Objects v2. Object bounding boxes in videos 2016

TEACHING

My professorship comes with approx. 128 hours of teaching per year (hTD), equivalent to 800 hours of workload (lectures, corrections, projects, grading, labs, organization, etc). This is in contrast to other countries or professions with limited (40 hours per year) or no teaching (e.g. researcher, CNRS, CR) duties.

2025-2026

- **Multimodal Generative AI.** CSC_52002_EP Polytechnique, Created from scratch, *first multimodal generativeAI class* at Polytechnique 36h (45hTD)
- **Advanced Deep Learning.** CSC_52087_EP, Polytechnique, Co-created from scratch 8h (10hTD)
- **Computer Vision with Deep Learning.** CSC_43M04_EP, Polytechnique, Created part 60h (60hTD)
- **Misc.** Softskill Seminar, MSc DataAI, IP Paris

2024-2025

- **Multimodal Generative AI.** CSC_52002_EP Polytechnique, Created from scratch, *first multimodal generativeAI class* at Polytechnique 30h (39hTD)
- **Advanced Deep Learning.** CSC_52087_EP, Polytechnique, Co-created from scratch 10h (13hTD)
- **Advanced Computer Vision.** CSC_53449_EP, Polytechnique, Created from scratch 24h (30hTD)
- **Computer Vision with Deep Learning.** CSC_43M04_EP, Polytechnique, Created part 35h (35hTD)
- **Image & Vision Project.** CSC_50P15_EP, Polytechnique. 40h (18hTD)
- **IA323 ENSTA.** Guest Lecturer, Generative AI 3h

2023-2024

- **Co-responsible** for MScT AI & Visual Computing, Polytechnique 80h (20hTD)
- **Advanced Deep Learning.** INF 581A, Polytechnique, Co-created from scratch 10h (13hTD)
- **Advanced Computer Vision.** INF 649, Polytechnique Created from scratch 24h (30hTD)
- **Computer Vision with Deep Learning.** INF 473V, Polytechnique, Created part 60h (60hTD)

2022-2023 (*Maternity leave*)

- **Advanced Computer Vision.** INF 634, Polytechnique Created from scratch 24h (30hTD)
- **Computer Vision with Deep Learning.** INF 473V, Polytechnique, Created part 60h (60hTD)

2021-2022 (*Maternity leave*)

- **Advanced Computer Vision.** INF 634, Polytechnique Created from scratch 24h (30hTD)
- **Computer Vision with Deep Learning.** INF 473V, Polytechnique, Created part 2h (2hTD)
- **Image Analysis.** INF 573, Polytechnique, Created DL part from scratch. 24h (25hTD)

2020-2021

- **Advanced Computer Vision.** INF 634, Polytechnique, Created from scratch 24h (30hTD)
- **Computer Vision with Deep Learning.** INF 473V, Polytechnique, Created part 50h (50hTD)
- **Image Analysis.** INF 573, Polytechnique, Created DL part from scratch 24h (25hTD)
- **Project on Image, Vision, Learning.** INF 515, École Polytechnique 20h (6hTD)
- **Advanced Topics, VIC: Vision par Ordinateur.** Guest Lecture, CentraleSupélec 2h
- **Project on Computer Vision.** CSE 303, École Polytechnique 24h (6hTD)
- **Introduction to Computer Vision.** Term Lectures, Oxford Royale Academy 2h

Before 2020

- **Introduction to Computer Vision.** Lady Margaret Hall, Guest Lecture, University of Oxford 2019
- **Introduction to Computer Vision.** St Hugh's College, Guest Lecture, University of Oxford 2019

MISCELLANEOUS

- **ELLIS** member 2024–
- **Organiser** of the **VGG** Reading groups, University of Oxford 2018–2021
- Member of **CVF** (Computer Vision Foundation) 2016–
- Attendee, Vision and Sports **Summer School (VS3)**, Prague, Czech Republic 2014
- **Founding member** of ECE Robotics Team at the Democritus University of Thrace 2010
- Member of **IEEE** 2009–
- Member of **IAESTE**, Democritus University of Thrace, Greece 2006–2011
- Languages: Greek, English, French
- About me: wanderer (6+ houses since 2020) while being a happy mother of one baby daughter and one dog :)

PUBLICATIONS

I finished my PhD in 2018 and got my first professor position in 2020. All publications before 2018 refer to work I did as a student, while in the ones after 2020 I acted as an advisor (without my PhD or post-doc advisors). According to Google Scholar, my h-index is 20 and the total number of citations for my publications is 1900+.

Without PhD/Master/post-doc advisors

1. Pulp Motion: Framing-aware multimodal camera and human motion generation
Robin Courant, Xi Wang, David Loiseaux, Marc Christie, [Vicky Kalogeiton](#)
International Conference on Learning Representations (**ICLR**)
[Project page], [Code] 2026
2. Soft-Di[M]O: Improving One-Step Discrete Image Generation with Soft Embeddings
Yuanzhi Zhu, Xi Wang, Stéphane Lathuilière, [Vicky Kalogeiton](#)
International Conference on Learning Representations (**ICLR**) 2026
3. T-REGS: Minimum Spanning Tree Regularization for Self-Supervised Learning
Julie Mordacq, David Loiseaux, [Vicky Kalogeiton](#), Steve Oudot
Neural Information Processing Systems (**NeurIPS**)
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Yuanzhi Zhu, Xi Wang, Stéphane Lathuilière, [Vicky Kalogeiton](#)
International Conference on Computer Vision (**ICCV**)
[Project Page], [arXiv:2503.15457] 2025
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Luc Boudier, Loris Manganell, Eleftherios Tsonis, and Nicolas Dufour, [Vicky Kalogeiton](#)
The British Machine Vision Conference (**BMVC**)
[Project page], [arXiv:2509.22635] 2025
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Nicolas Dufour, David Picard, [Vicky Kalogeiton](#), Loic Landrieu
Computer Vision and Pattern Recognition (CVPR)
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Xi Wang, Robin Courant, Marc Christie, [Vicky Kalogeiton](#)
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Thanos Delatolas, [Vicky Kalogeiton](#), Dim Papadopoulos
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9. LEAD: Latent Realignment for Human Motion Diffusion
Nefeli Andreou, Xi Wang, Vicroria Fernández Abrevaya, Marie-Paule Cani, [Vicky Kalogeiton](#)
Computer Graphics Forum (CGF) 2025
10. Analysis of Classifier-Free Guidance Weight Schedulers
Xi Wang, Nicolas Dufour, Nefeli Andreou, Marie-Paule Cani, Victoria Fernandez Abrevaya,
David Picard, [Vicky Kalogeiton](#)
Transactions on Machine Learning Research (TMLR) 2024
11. ET the Exceptional Trajectories: Text-to-camera-trajectory generation with character awareness
Robin Courant, Nicolas Dufour, Xi Wang, and Marc Christie, [Vicky Kalogeiton](#)
European Conference on Computer Vision (ECCV)
[CV Magazine](#), [Project page], [[arXiv:2407.01516](#)] 2024
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Xi Wang, [Vicky Kalogeiton](#)
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13. Bridging Text and Image for Artist Style Transfer via Contrastive Learning
Zhi-Song Liu, Li-Wen Wang, Jun Xiao, [Vicky Kalogeiton](#)
European Conference on Computer Vision – Workshop Track (ECCV-W) 2024
14. Conditional Gradient-based Textual Inversion
Xi Wang, [Vicky Kalogeiton](#)
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Nicolas Dufour, Victor Besnier, [Vicky Kalogeiton](#), David Picard
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Yasser Benigim, Subhankar Roy, Slim Essid, [Vicky Kalogeiton](#), Stéphane Lathuilière
Computer Vision and Pattern Recognition (CVPR)
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ZhiSong Liu, Robin Courant, [Vicky Kalogeiton](#)
International Journal of Computer Vision (IJCV)
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18. ADAPT: Multimodal Learning for Detecting Physiological Changes under Missing Modalities
Julie Mordacq, Leo Milecki, Maria Vakalopoulou, Steve Oudot, [Vicky Kalogeiton](#)
Medical Imaging with Deep Learning (MIDL) 2024
19. LEAD: Latent Realignment for Human Motion Diffusion
Nefeli Andreou, Xi Wang, Vicroria Fernández Abrevaya, Marie-Paule Cani, [Vicky Kalogeiton](#)
Computer Vision and Pattern Recognition – Workshop Track (CVPR-W) 2024
20. Multimodal Learning for Detecting Stress under Missing Modalities
Julie Mordacq, Leo Milecki, Maria Vakalopoulou, Steve Oudot, [Vicky Kalogeiton](#)
Computer Vision and Pattern Recognition – Workshop Track (CVPR-W) 2024

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Thanos Delatolas, [Vicky Kalogeiton](#), Dim P. Papadopoulos
IEEE/CVF Winter Conference on Applications of Computer Vision (**WACV**)
[Project Page] [*arXiv:2311.04414v2*] 2024
22. BluNF: Blueprint Neural Field
Robin Courant, Xi Wang, Marc Christie, [Vicky Kalogeiton](#)
International Conference of Computer Vision – Workshop Track (ICCV-W)
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23. EVA-VOS: Efficient Video Annotation for Video Object Segmentation
Thanos Delatolas, [Vicky Kalogeiton](#), Dim P. Papadopoulos
International Conference of Computer Vision – Workshop Track (ICCV-W)
[Project page] 2023
24. Reward Function Design for Crowd Simulation via Reinforcement Learning
Ariel Kwiatkowski, [Vicky Kalogeiton](#), Julien Pettré, and Marie-Paule Cani
In Motion, Interaction and Games (**MIG**) 2023
25. Name Your Style: Text-Guided Artistic Style Transfer
Zhi-Song Liu, Li-Wen Wang, Wan-Chi Siu, [Vicky Kalogeiton](#)
Computer Vision and Pattern Recognition – Workshop Track (CVPR-W) 2023
26. One-shot Unsupervised Domain Adaptation with Personalized Diffusion Models
Yasser Benigim, Subhankar Roy, Slim Essid, [Vicky Kalogeiton](#), Stéphane Lathuilière
Computer Vision and Pattern Recognition – Workshop Track (CVPR-W)
[Project page] 2023
27. MEDIMP: 3D Medical Images with clinical Prompts from limited tabular data for renal transplantation
Leo Milecki, [Vicky Kalogeiton](#), Sylvain Bodard, Dany Anglicheau, Jean-Michel Correas,
Marc-Olivier Timsit, Maria Vakalopoulou
Medical Imaging with Deep Learning (MIDL) 2023
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28. Transformers and Visual Transformers
Robin Courant, Maika Edberg, Nicolas Dufour, [Vicky Kalogeiton](#)
Book Chapter In *Machine Learning for Brain Disorders* (editor: O. Colliot), Springer 2023
29. FunnyNet: Audiovisual Learning of Funny Moments in Videos
ZhiSong Liu*, Robin Courant*, [Vicky Kalogeiton](#)
*equal contribution
Asian Conference on Computer Vision (ACCV) 2022
(**Oral**), (**student honorable mention award**), [Project page]
30. SCAM! Transferring humans between images with Semantic Cross Attention Modulation
Nicolas Dufour, David Picard, [Vicky Kalogeiton](#)
European Conference on Computer Vision (ECCV) 2022
31. Contrastive Masked Transformers for Forecasting Renal Transplant Function
Leo Milecki, [Vicky Kalogeiton](#), Sylvain Bodard, Dany Anglicheau, Jean-Michel Correas,
Marc-Olivier Timsit, Maria Vakalopoulou
Medical Image Computing and Computer Assisted Intervention (MICCAI) 2022
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32. Understanding reinforcement learned crowds
Ariel Kwiatkowski, [Vicky Kalogeiton](#), Julien Pettré, and Marie-Paule Cani
In Motion, Interaction and Games (**MIG**) 2022

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Ariel Kwiatkowski, Eduardo Alvarado, [Vicky Kalogeiton](#), C Karen Liu, Julien Pettré,
Michiel van de Panne, Marie-Paule Cani
Eurographics, State of the art report (Eurographics STAR) 2022
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Leo Milecki, [Vicky Kalogeiton](#), Sylvain Bodard, Dany Anglicheau, Jean-Michel Correas,
Marc-Olivier Timsit, Maria Vakalopoulou
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Manuel J. Marin-Jimenez, Francisco M. Castro Payán, [Vicky Kalogeiton](#), Nicolas Guil
IEEE Transactions on Information Forensics and Security (TIFS) 2021
36. High-Level Features for Movie Style Understanding
Robin Courant, Christophe Lino, Marc Christie, [Vicky Kalogeiton](#)
International Conference of Computer Vision – Workshop Track (ICCV-W) 2021
(**best paper award**)
37. Multiple Style Transfer Via Variational Autoencoder
Zhi-Song Liu, [Vicky Kalogeiton](#), Marie-Paule Cani
IEEE International Conference on Image Processing (ICIP) 2021
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38. Me-NDT: Neural-backed Decision Tree for visual Explainability of deep Medical models
Guanghui Fu, Ruiqian Wang, Jianqiang Li, Maria Vakalopoulou, [Vicky Kalogeiton](#)
Medical Imaging with Deep Learning (MIDL) 2021
39. Multimodal Gait Recognition Under Missing Modalities
Ruben Delgado-Escano, Francisco Castro, Nicolas Guil, [Vicky Kalogeiton](#), Manuel Marin-Jimenez
IEEE International Conference on Image Processing (ICIP) 2021
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With post-doc advisor

40. LAEO-Net++: revisiting people Looking At Each Other in videos
Manuel J. Marin-Jimenez*, [Vicky Kalogeiton](#)*, Pablo Medina-Suarez, Andrew Zisserman
* equal contribution
IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI) 2021
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41. Face, Body, Voice: Video Person-Clustering with Multiple Modalities
Andrew Brown, [Vicky Kalogeiton](#), Andrew Zisserman
International Conference of Computer Vision – Workshop Track (ICCV-W) 2021
(**Spotlight**) [Project page]
42. Constrained Video Face Clustering using 1NN Relations
[Vicky Kalogeiton](#), Andrew Zisserman
The British Machine Vision Conference (BMVC) 2020
[Project page]
43. Smoothing the Path Towards Retrieval
Andrew Brown, Weidi Xie, [Vicky Kalogeiton](#), Andrew Zisserman
European Conference on Computer Vision (ECCV) 2020
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44. LAEO-Net: revisiting people Looking At Each Other in videos
Manuel J. Marin-Jimenez, [Vicky Kalogeiton](#), Pablo Medina-Suarez, Andrew Zisserman

With PhD/Master advisors

45. Real-Time Active SLAM and Obstacle Avoidance for an Autonomous Robot Based on Stereo Vision
[Vicky Kalogeiton](#), Kostas Ioannidis, Georgios Ch. Sirakoulis, Elias B. Kosmatopoulos
Cybernetics and Systems 2019
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46. Action Tubelet Detector for Spatio-Temporal Action Localization
[Vicky Kalogeiton](#), Philippe Weinzaepfel, Vittorio Ferrari, Cordelia Schmid
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 [Project page] [arXiv:1705.01861]
47. Joint learning of object and action detectors
[Vicky Kalogeiton](#), Philippe Weinzaepfel, Vittorio Ferrari, Cordelia Schmid
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48. Analysing domain shift factors between videos and images for object detection
[Vicky Kalogeiton](#), Vittorio Ferrari, Cordelia Schmid
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49. Programmable crossbar quantum-dot cellular automata circuits
[Vicky Kalogeiton](#), Dim P. Papadopoulos, Orestis Liolis, Vassilios A. Mardiris,
 Georgios Ch. Sirakoulis, Ioannis G. Karafyllidis
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[Vicky Kalogeiton](#), Dim P. Papadopoulos, Ioannis Georgilas,
 Georgios Ch. Sirakoulis, Andrew Adamatzky
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[Vicky Kalogeiton](#), Dim P. Papadopoulos, Ioannis P. Georgilas,
 Georgios Ch. Sirakoulis, Andrew Adamatzky
Computational Intelligence, Medicine and Biology 2015
52. Automatic Summarization and annotation of Videos with Lack of Metadata Information
 Dim. P. Papadopoulos, [Vicky Kalogeiton](#), Savvas A. Chatzichristofis, Nikos Papamarkos
Elsevier, Expert Systems with Applications (ESWA) 2013
53. Morphological Edge Detector Implemented in Quantum Cellular Automata
 Orestis Liolis, [Vicky Kalogeiton](#), Dim Papadopoulos, Vasilios Mardiris,
 Georgios Ch. Sirakoulis, Antonios Gasteratos
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54. Implementation of a Novel Physarum-Inspired and CA-based Single-Camera SLAM Method
[Vicky Kalogeiton](#), Dim P. Papadopoulos, Georgios Ch. Sirakoulis
*Workshop Unconventional Approaches to Robotics, Automation and Control Inspired by Nature,
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55. Hey Physarum! Can you perform SLAM?
[Vicky Kalogeiton](#), Dim P. Papadopoulos, Georgios Ch. Sirakoulis
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56. DUTh does Probabilities of Relevance at the Legal Track
Dim P. Papadopoulos, [Vicky Kalogeiton](#), Avi Arampatzis
TREC Legal, finished 2nd 2010
57. A Novel Video Summarization Method Based on CCDs and Fuzzy Classifier
[Vicky Kalogeiton](#), Dim P. Papadopoulos, Savvas A. Chatzichristofis, Yiannis S. Boutalis
EUREKA! 2010, *4th International Conference for Undergraduate and Postgraduate Students
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