Curriculum vitae

Léa PAYMAL
Date of birth: July 14, 1998

PhD student in Design
Centre de Recherche en Design (CRD), Ecole Normale Supérieure Paris-Saclay, France
Laboratoire Interdisciplinaire des Sciences du Numérique (LISN), University of Paris-Saclay, France
University of the Arts London (UAL), England, United Kingdom
Human-Centred Computing section (HCC), University of Copenhagen, Denmark
Doctoral School Social Sciences and Humanities (ED SSH), starting in September 2023.
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EDUCATION

2023-2026	*PhD student in Design* Ecole Normale Supérieure Paris-Saclay, France Centre de Recherche en Design (CRD) University of Paris-Saclay, France Laboratoire Interdisciplinaire des Sciences du Numérique (LISN) University of the Arts London, England, United Kingdom University of Copenhagen, Denmark Human-Centred Computing section (HCC) *Supervised by James Auger, Sarah Fdili Alaoui and Sarah Homewood*
2022-2023	*Pre-Doctoral Research Year Abroad (ARPE), Erasmus+ traineeship* University of Copenhagen, Denmark Computer Science Department, Human-Centred Computing (HCC) section Directed by Kasper Hornbæk, Supervised by Sarah Homewood.
2020-2023	*Diploma of the Ecole Normale Supérieure* Ecole Normale Supérieure Paris-Saclay, France Design Department, directed by James Auger
2020-2022	*Master in Design Research* University of Paris-Saclay, France Design Department, directed by James Auger
2016-2019	*Bachelor of Arts HES-SO in Product and Industrial Design, major in Fashion Design* Geneva University of Art and Design (HEAD – Genève), Switzerland Fashion Design Department, directed by Léa Peckre
2013-2016	*Baccalauréat Technologique (STD2A) Design and Applied Arts series* Lycée Le Corbusier, Illkirch-Graffenstaden, France Options: contemporary dance and foreign language.

AWARDS

2024	Laureate of the AAC Young Researcher grant, from the Graduate School Humanities-Heritage Sciences of the University of Paris-Saclay.
2023	Honorable Mention Award for the publication "Physicalizing loops" In Proceedings of the 15th Conference on Creativity and Cognition (C&C '23).

2022	Laureate of the IDEX excellence grant, for international internship, from the University of Paris-Saclay.
2020	Laureate of the competition of entry on file to the Normalien competition.
2019	Bachelor of Art honors: felicitations of the jury, bachelor thesis major de promo.
2019	Graduation collection selected for the HEAD 2017 fashion show and to compete for awards of excellence: President of the jury: Rushemy Botter and Lisi Herrebrugh, artistic direction of Nina Ricci and Botter.
2016	Laureate of the competition of entry on file to Geneva University of Art and Design (HEAD-Genève).
2016	Baccalauréat honors: highest honors, school major.

WORK EXPERIENCE

2022 – 5 months

Research Intern
University of Paris-Saclay, France
Computer Science Department, Extreme situated interaction (ExSitu) group
Directed by Wendy Mackay, Supervised by Sarah Fdili Alaoui

• We investigated the experience we have of daily rituals, as it could allow us to reconnect with a reflexive experience and narrative potentials. We developed a probe that consists of a common household object: a cup that captures video from the thing perspective and disrupts the rituals.

2021 – 4 months

Research Intern
University of Paris-Saclay, France
Computer Science Department, Extreme situated interaction (ExSitu) group
Directed by Wendy Mackay, Supervised by Sarah Fdili Alaoui

• We explored the concept of loops as a design material and a sharing pattern. We produced physical traces that archive the manifestations of this concept using data-physicalization through dance practice, woodwork, knitwork, and linocut. This work uses a Research Through Design (RtD) methodology based on an ethnographic design approach.

2019 – 6 months

Design Intern
Maison Rabih Kayrouz, Paris, France
Atelier Ready-To-Wear and Haute-Couture, supervised by Mathilde Respriget
• Follow up the collection process, working in close collaboration with the creative director, head of Atelier RTW, Haute-Couture, and Studio.
• Developed toile, pattern making, maquettes, samples

2019 – One Week

Designer
Ecole polytechnique fédérale de Lausanne (EPFL), Switzerland
Architecture Department, Laboratory of Integrated Performance in Design (LIPID)
Supervised by Marilyne Andersen (EPFL) and Laure Krayenbühl (ECAL)
• Developed wearable technology, and designed sensory accessories.
• Collaborated with Ph.D. students, media and accessories designers.
• Used pattern making, technical sketches, 3D rendering, and mock-up.

2018 – 2 months	*Design Intern* Ecole supérieure de mode de l'ESG UQAM, Montreal, Canada Fashion Design Department, supervised by Ying Gao • Worked on concept research, design, textile experiments, pattern making. • Researched on interactive garments, sensory technologies, accessories while working with an interdisciplinary team (design, crafts, engineering).

PUBLICATION

2024	*Léa Paymal, Sarah Fdili Alaoui and Samuel Huron. 2024. Poetic Relationships with Everyday Objects. Under review at ACM Designing Interactive Systems (DIS '24).*
2024	*Lea Paymal and Sarah Homewood. 2024. Good Days, Bad Days: Understanding the Trajectories of Technology Use During Chronic Fatigue Syndrome. In Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24), May 11–16, 2024, Honolulu, HI, USA. ACM, New York, NY, USA, 10 pages.* *https://doi.org/10.1145/3613904.3642553* To be published.
2023	*Léa Paymal and Sarah Fdili Alaoui. 2023. Physicalizing loops. In Proceedings of the 15th Conference on Creativity and Cognition (C&C '23). Association for Computing Machinery, New York, NY, USA, 465–477. https://doi.org/10.1145/3591196.3593365* Award: Honorable Mention.

TEACHING

Spring 2024	*Teaching Assistant: Computer Science and Sustainable Development* University of Paris-Saclay, France Department of Computer Science, MSc Programme in Computer Science Course Coordinators: Anne Laure Ligozat and Emmanuelle Frenoux.
Spring 2023	*Teaching Assistant: Design Project* University of Copenhagen, Denmark Department of Communication, Bachelor in Communication and IT Course Coordinators: Irina Shklovski, Sarah Homewood, Maja Fagerberg Ranten, Jacob Nørbjerg.
Spring 2023	*Teaching Assistant: Advanced Topics in Human-Centred Computing (ATHCC)* University of Copenhagen, Denmark Department of Computer Science, MSc Programme in Computer Science Course Coordinator: Joanna Bergström
Summer 2018	*Instructor: Introduction course, workshop: thinking from 2D to 3D* École supérieure de mode de l'ESG UQAM, Montreal, Canada Future Bachelor of Art students Course Coordinator: Ying Gao

2022	Artifacts from the project "Physicalizing Loops" Symposium at the École des Arts Décoratifs de Paris (ENSAD) Organized by Samuel Bianchini, presenter: Sarah Fdili Alaoui
2022	Master Research Project "Daily ritual: reconnecting with the poetic and narrative experience" Ecole Normale Supérieure Paris-Saclay – ENSCI Les-Ateliers Collective exhibition "Le Village", Centre de Recherche en Design (CRD)
2022	Poster of the Master Research Project Gallery Le Bis, ENSCI Les-Ateliers, Paris Collective exhibition
2021	Collective exhibition, Immersive environments Scène de Recherche (SDR), Ecole Normale Supérieure Paris-Saclay Multidisciplinary immersive artwork resulting from an art residency with Filippo Fabbri, IRCAM
2019	Bachelor of Art Graduated Collection [13°] Fashion Show HEAD-Genève 2019, Espace Hippomène, Geneva

Software	Adobe Suite, Office Suite, 3D modeling (GrassHoper), video editing (Sony Vegas), collaborative tools for research (Overleaf, Miro, Zotero), and teaching platform (Absalon).
Programming	JavaScript, Python, HTML, CSS, Arduino
Digital Fabrication	Laser cutting, 3D printer, milling machine, electronics
Drawing	Technical drawing, illustration, manual, digital, pattern making.
Craft /hardware	Glass, ceramic, wood, metal, photography studio
Textile – fashion design	Textile machines for sewing, weaving, knitting/. Manual techniques: textile ennoblement, embroidery, stitching, knitting

French	Mother tongue
English	Fluent
Spanish	B1
	B1

Italian

As an organizer:

2022

Study day "design of the devices"
Gallery Le Bis, ENSCI Les-Ateliers, Paris
Panel: Laurence Allard (University of Lille, IRCAV), Tove Grimstad Bang (University of Paris-Saclay), Jonah Ross Marrs (Fablab Digiscope, University of Paris-Saclay)

As an attendant:

2023

Workshop "Data as a Material for Design"
CHI 2023, Hamburg, Germany
Co-organized by Audrey Desjardins (University of Washington)

2022

Workshop "Speculations on feminist reproductive health technologies"
Nordi'CHI 2022, Aarhus, Denmark
Co-organized by Sarah Homewood (University of Copenhagen).

REFERENCES

Kasper Hornbæk — Professor, Head of the HCC section, University of Copenhagen

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Sarah Homewood — Assistant professor, tenure track, University of Copenhagen

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Sarah Fdili Alaoui — Professor, University of Paris-Saclay – University Of The Arts London (UAL)

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James Auger

Director of the DER Design, ENS Paris-Saclay, co-director of the Centre de Recherche en Design, responsible of the Mention Design of the GS-HPS, University of Paris-Saclay

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