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[Google Scholar](#) / [ResearchGate](#) / [LinkedIn](#)

Mimoudi.com

Scientific Articles: 7

Scientific Reviews: 3

Book Chapters: 3

Conferences Presentations: 13

Invited/Keynote Speaker: 3

Total Citations: 22

H-index: 3

PROFILE

Educational researcher and lecturer with more than 20 years of experience across Morocco and Canada, combining applied research, digital learning innovation, and artificial intelligence in education. As a Ph.D. candidate at the Université de Sherbrooke (Canada) and coordinator of the Digitalisation and AI in Education axis at the Institute of Education sciences (ISE), Mohammed VI Polytechnic University (UM6P) (Morocco), I design and evaluate technology-enhanced learning programs that foster entrepreneurship, employability, and future-ready skills among diverse learners.

I am also a co-researcher and coordinator of [Sustaineur](#), a research and development project funded by UM6P and the Fondation OCP, in collaboration with the Africa Business School (UM6P). The project develops an AI-assisted platform to help learners, educators, and entrepreneurs design sustainable business models through systems thinking, causal-loop mapping, and data-driven decision tools. Sustaineur aims to advance youth entrepreneurship, sustainability, and innovation across African contexts, integrating learning analytics and systems dynamics within a pedagogical framework.

In parallel, I serve as a regular member of the Practical and Academic Research Committee of the Canadian Education and Research Institute for Counselling ([CERIC](#)), where I contribute to shaping Canada's national research agenda on career development and employability. I am also a co-coordinator of the [Erasmus+ VOLCANIC](#) project, focused on computational thinking, inclusion, and AI in teacher education. My work integrates mixed-methods research, competency frameworks, and survey-based evaluation, contributing to the global discourse on AI in education, employability, and ethical innovation.

1. GENERAL INFORMATION

1.1. Positions Held

- 2020–present: Professor & Coordinator of Digital & AI Axis, ISE, UM6P.
- 2024-2025: Replacement Teacher in SSP schools, Beloeil, Québec, Canada.
- 2021-2024: Research Assistant, Têluq University, Quebec universities network, Canada.
- 2019–2020: [E-learning Instructional Designer](#), Digital for Research Lab, UM6P.
- 1999–2019: Teacher of Languages & Mathematics, Moroccan Ministry of Education.
- 2016–2019: Teacher (detached), Aefe – Campus Victor Hugo, Marrakech.

1.2. Other Positions and Affiliations

- [CRIEVAT](#), Centre de recherche et d'intervention sur l'éducation et la vie au travail, Université Laval, Canada (Researcher, since 2021).
- OBVIA, Observatoire international sur les impacts sociétaux de l'IA, Université Laval, Québec (Researcher, 2021–2023).

1.3. Education

- Ph.D. in Education (ABD, submitted, 2020–2025), Université de Sherbrooke, Canada.
Thesis: Development of an intelligent tutoring system: Interdisciplinary contributions and collaborative tools.
- Master's in Didactics of Languages & Training Engineering, Université Jean Monnet de Saint Etienne, France (2017).
- Bachelor's in French Language & Literature, Université Cadi Ayyad, Morocco (2005).
- Graduated, Teacher Training center (Didactics, Mathematics), Teacher Training Center, Ouarzazate (1999).
- High School Diploma (Baccalauréat) in Experimental Sciences, Morocco (1996).

2. EDITORIAL ACTIVITIES

- 2025 : Peer Reviewer, Social Sciences & Humanities Open (SSHO), Elsevier.
- 2025: Peer Reviewer, Oklahoma International Publishing (OkIP), USA.
- 2024 : Peer Reviewer, *Revue internationale des technologies en pédagogie universitaire* (RITPU), Canada.

3. AWARDS & HONORS

- Quebec Government Ph.D. tuition exemption scholarship (2022–2025).
- Letter of distinction, Moroccan Ministry of Education (2005).

4. PUBLICATIONS

H-index = 3, citations 20 (Google Scholar, oct. 2025)

4.1. Journal Articles

- Mimoudi, A., & Kouider, M. (2025). *AIA-PCEK: A new framework for teaching with AI*. *Cogent Education*. Tylor & Francis group. <https://doi.org/10.1080/2331186X.2025.2563171>
- Mimoudi, A. (2025). Generative AI to bridge the educational divide: Personalized learning and challenges. *Social Sciences & Humanities Open*, 12, 102140. <https://doi.org/10.1016/j.ssaho.2025.102140>
- Mimoudi, A. (2025). *Generative AI to bridge the educational divide: Personalized learning and challenges* [Preprint]. *Social Sciences & Humanities Open*. SSRN. Elsevier. <https://doi.org/10.2139/ssrn.5375504>
- Alladatin, J., al-chikh, I., Mimoudi, A., & Chebak, A. (2024). Co-design of an optimal distance learning model adapted to rural areas of Morocco in primary school. *EDUTEC Journal of Education and Technology*, 7(3). <https://doi.org/10.29062/edu.v7i3.534>
- Hotte, R., Maïga, A. A., Abid, M., & Mimoudi, A. (2023, June). *IdO-AMI : une solution à l'éducation en zone défavorisée*. In R. Hotte (Ed.), *Actes du colloque international sur les objets et systèmes connectés (COC23)* (pp. 284–298). Mahdia, France. HAL Open Science. <https://hal.science/hal-04223251>
- Gérin-Lajoie, S., Roy, N., Lafleur, F., Mimoudi, A., Faye, I. W. D., & Beauparlant, R. (2022, juin). *L'enseignement comodal : Conjuguer la présence et la distance en toute cohérence* (114 pages). Réseau d'enseignement francophone à distance du Canada (REFAD). https://r-libre.telug.ca/2709/1/Guide_Comodal_refad_Rev_nov_22.pdf
- Mimoudi, A., & Meyer, F. (2022). *Étude de l'impact de l'usage de l'intelligence artificielle dans une plateforme d'enseignement à distance*. Dans *Actes du colloque ROC 2021 — Solidarités numériques en éducation : une culture en émergence* (p. 31). TÉLUQ. <https://r-libre.telug.ca/2590/1/Actes%20du%20Colloque%20ROC2021.pdf>
- Mimoudi, A., Bouabid, A. (in press). *AIA-PCEK: A new framework for responsible AI integration in teacher education* [Manuscript submitted for publication]. *Quality & Quantity: International Journal of Methodology*. Springer Nature. ISSN 0033-5177 | ISSN 1573-7845
- Mimoudi, A. (Under review). *Beyond Structured Pedagogy: How Artificial Intelligence Can Sustain and Scale Morocco's Learning Gains in Public Schools*. Submitted to *Discover Education* (Springer Nature).

4.2. Peer-Reviewed Conference Proceedings

- Mimoudi, A. (2024). AI, personalized education, and challenges. Proceedings of the 4th International Conference on AI Research (ICAIR), 4(1), 287–296. <https://doi.org/10.34190/icaire.4.1.3133>

- Mimoudi, A., & Meyer, F. (2022). *Étude de l'impact de l'usage de l'intelligence artificielle dans une plateforme d'enseignement à distance*. Dans *Actes du colloque ROC 2021 — Solidarités numériques en éducation : une culture en émergence* (p. 31). TÉLUQ. <https://r-libre.telug.ca/2590/1/Actes%20du%20Colloque%20ROC2021.pdf>

4.3. Reviews, Book Chapters, Editorials, Books

- Mimoudi, A. (2025). *Personalizing assessments with generative AI: A case study from Moroccan teacher training at UM6P*. In M. Lahby, S. E. Schaeffer, Y. Maleh, & V. Paliktoglou (Eds.), *Generative AI in higher education assessment: Theory, practice, and ethical implications* (Chap. 15, pp. xx–xx). Springer. <https://link.springer.com/book/9783032016379>
- Ait Si Mhamed, A., Bouabid, A., Ait Bassou, H., Kasa, R., Mimoudi, A., & Ezirim, A. (2025). Digitalization of education in Morocco: Teachers' perspective. In K. Arar, S. Turan, M. Elmeski, & S. İscan (Eds.), *Educational policy, reforms, and change in the Middle East and North Africa: Towards social justice, equity, and political inclusion* (Chap.4, pp. xx-xx). Routledge. <https://www.routledge.com/9781032985770>
- Mimoudi, A., & Kouider, M., Bouabid, A. (in press). *Aligning generative AI with educational values: An ethical response to digital misinformation*. In M. Lahby, S. E. Schaeffer, Y. Maleh, & J. S. Banerjee (Eds.), *Ethical challenges of generative AI in education* (pp. xx–xx). CRC Press, Taylor & Francis Group.

Reports and Guides

- Sauvé, L., Desjardins, G., Marineau, S., Mimoudi, A., Charron, S. (2024). *Guide pédagogique de design inclusif*. Centre de recherche public. SAVIE, CTREQ. Canada. <https://www.guidopedagogique.ca/en-savoir-plus>

Gérin-Lajoie, S., Roy, N., Lafleur, F., Mimoudi, A., Faye, I. W. D., & Beauparlant, R. (2022, juin). *L'enseignement comodal : Conjuguer la présence et la distance en toute cohérence* (114 pages). Réseau d'enseignement francophone à distance du Canada (REFAD). https://www.bibliotheque.assnat.qc.ca/DepotNumerique_v2/AffichageNotice.aspx?idn=112524

• 5. INVITED SEMINARS, DISTINGUISHED AND PLENARY LECTURES, COLLOQUIA, WORKSHOPS

- Mimoudi, A. (2025, July). *Bridging the educational divide with generative AI: Opportunities, challenges, and ethical implications* [Keynote address]. 11th International Research Conference on Transforming Education, (virtual conference), Alicante, Spain.
- Mimoudi, A. (2025, May). *AI in higher education – Volcanic case: Use of AI applications, computational thinking, and ethics* [Keynote address]. International Dissemination Seminar of the ERASMUS+ VOLCANIC project, Mohammed VI Polytechnic University, Rabat, Morocco
- Mimoudi, A. (2025, February). What should academic research in AI focus on? [Keynote address]. Symposium of the Institute of Educational Sciences (ISE), Science Week at UM6P, Mohammed VI Polytechnic University, Benguerir, Morocco.
- Chair, STEM Session (Theme 3), *International Conference on Education in Africa: Current Challenges and Future Perspectives*, Al Akhawayn University & UM6P, October 2–3 and 9, 2020 (virtual).
- Mimoudi, A. (2019, October 23–25). Workshop facilitation and representation of Mohammed VI Polytechnic University at the 14th International Conference on E-learning, Education, and Skills Development, Abidjan, Côte d'Ivoire.

Details of mission:

Facilitated a workshop on MOOC design techniques.

Represented UM6P at the university's stand.

[Photo link](#)

[Video link](#)

6. CONTRIBUTED PAPERS IN INTERNATIONAL CONFERENCES

- Mimoudi, A. (2024, December 4). *AI, personalized education, and challenges*. In Proceedings of the 4th International Conference on AI Research (ICAIR 2024), Vol. 4 No. 1. Academic Conferences International. <https://doi.org/10.34190/icair.4.1.3133>
- Mimoudi, A. (2023, November 13–15). *The impact of AI in online education*. Paper presented at the Second Annual Research and Practice Conference in Primary Teacher Preparation, jointly organized by Mary Lou Fulton Teachers College (Arizona State University), Moroccan Ministry of Education, USAID, and Université Mohammed VI Polytechnique, Ben Guerir, Morocco. [Link](#)
- Psyché, V., Mimoudi, A. (2023, 04–05 mai). *Vers une pédagogie adaptative centrée sur l'apprenant avec l'IA numérique*. 10e Colloque international en éducation, Palais des congrès, Montréal, QC, Canada.
- Mimoudi, A. (2023, 23-25 janvier). *Impact de l'usage des systèmes tuteurs intelligents en formation à distance* [Communication orale]. Revue Canadienne de développement de Carrière, Congrès CANNEXUS 2023/CERIC Canada. [Link](#)
- Mimoudi, A., Meyer, F., & Naffi, N. (2022, 5–6 mai). *Usage des systèmes tuteurs intelligents en formation à distance : élaboration théorique d'une problématique*. Dans N. Naffi (Resp.), *L'IA en éducation et en capacitation* [Symposium]. 9e Colloque international en éducation, Palais des congrès, Montréal, QC, Canada. <https://crites.ulaval.ca/publication/62f261d19a13b7467cda6cfe>. (video [Link](#))
- Mimoudi, A., Meyer, F. (2021, 17–19 novembre). *Impact de l'usage de l'IA dans une plateforme de formation à distance pour les élèves de 3ème année primaire* [Communication orale]. ROC 2021 : réseau d'enseignement francophone à distance du Canada (REFAD), Observatoire du numérique en éducation (ONE), Montréal, Canada. [Link](#)
- Mimoudi, A. (2021, 22 juin). *Impact de l'usage de l'intelligence artificielle dans une plateforme de formation à distance* [Communication orale]. 1ère édition des rencontres internationales des sciences de l'éducation, Université Mohammed VI Polytechnique, Ben Guérir, Maroc. ([Voir la minute 49'40](#))
- Alladatin, J., Mimoudi, A., Chebak, M. (2021, avril 29–30). *Inventaire et typologie des pratiques d'enseignement/formation hybride et à distance : le cas des pratiques d'enseignement/formation utilisées en contexte de pandémie de COVID-19 dans le milieu rural marocain* [Communication orale]. 8ème colloque international en éducation/CRIFPE, Montréal, Canada. [Link](#)
- Mimoudi, A., Meyer, F. (2021, avril 29–30). *Impact de l'usage de l'IA dans une plateforme de formation à distance* [Communication orale]. 8ème colloque international en éducation/CRIFPE, Ma thèse en 180s, Montréal, Canada. [Link](#)
- Mimoudi, A., Meyer, F. (2021, février 15–18). *Recension des écrits scientifiques en usage de l'intelligence artificielle en enseignement à distance* [Communication orale]. Semaine de la recherche en éducation, Université de Sherbrooke, Sherbrooke, Canada. [Link](#)
- Mimoudi, A., Meyer, F. (2020, décembre 22–23). *Recension des écrits scientifiques en usage de l'intelligence artificielle en enseignement à distance* [Communication orale]. Journées doctorales d'innovation pédagogique et numériques, IPN2020, Université Mohammed V, Rabat, Maroc. [Link](#)
- Mimoudi, A., Meyer, F. (2020, octobre 02–09). *La réponse de l'école africaine à la crise de la COVID-19 : place des nouvelles technologies* [Communication orale]. Conférence internationale sur l'éducation en Afrique, Université Al Akhawayne, Université Mohammed VI Polytechnique, Ifrane, Maroc. [Link](#)

7. RESEARCH FUNDING

ACTIVE AND APPROVED PROJECTS

1. **Erasmus+ [Projet VOLCANIC](#)** – Innovative Technological Pedagogy in Higher Education

European Education and Culture Executive Agency (EACEA), 2024–2027 – €94,066

Role: Co-Coordinator (Morocco)

This international project develops curricula and training modules that integrate computational thinking, inclusion, and AI in education across universities in Europe and Africa. My contribution focuses on competency modeling, data analysis, and the design of survey instruments to evaluate technology-based teaching innovations and their impact on employability and digital readiness.

2. **[Sustaineur](#)**– AI-Assisted Platform for Sustainable Business Model Design

UM6P – Fondation OCP, SEHSM Program, 2024–2027 – 2.6M MAD

Role: Co-Researcher and Project Coordinator

Sustaineur is a research and development initiative that bridges entrepreneurship education, systems thinking, and AI-based modeling. The project supports learners and early-stage entrepreneurs in building sustainable, socially responsible enterprises aligned with the UN Sustainable Development Goals (SDGs). It contributes to advancing youth innovation, employability, and economic empowerment through experiential and data-informed learning.

PENDING PROJECTS

1. **Digitalization of Core Curriculum Modules (CNDE, 2nd Edition)**

Ministry of National Education – in partnership with Fondation OCP and UM6P (CNDE), 2025–2027

Role: Co-Coordinator, with the Digital Learning Center (UM6P)

Proposal for the development of AI- and data-supported curricular frameworks for secondary and higher education in Morocco. The project aims to scale digital literacy, teacher capacity building, and inclusive access to core learning experiences.

8. SERVICE

8.1. Expert Panels, Committees, Boards

- [CERIC](#), Advancing Career in Canada ([Member](#) of the Practical and Academic Research Committee, since 2023).
- Moderator, “Serious Gaming and Remote Simulation” workshop, Erasmus+ Morocco National Office, with Prof. Mourad Abed & Prof. Jérôme Graindorge (Hauts-de-France Polytechnic University), July 1, 2020. [Program link](#)
- Member, Organizing Committee, *International Conference on Education in Africa: Current Challenges and Future Perspectives*, Al Akhawayn University & UM6P, October 2–3 and 9, 2020 (virtual).

8.2. Conferences

- Co-organizer, *Conference on Educational Engineering and Digital Education*, April 15–17, 2019, Dar El Phosphate, Marrakech, Morocco. Jointly organized by UM6P (Digital for Research Center), EPFL (Switzerland), RESCIF, ENSPY (Cameroon), and ESP (Senegal).
- Member of the Organizing Committee & Co-chair, *International Conference on Education in Africa: The response of African schools to the COVID-19 crisis*, October 2–9, 2020 (virtual). Jointly organized by Al Akhawayn University and UM6P.

- *Supervisor and Session Chair, Symposium of the Institute of Educational Sciences (ISE), Science Week at UM6P, Mohammed VI Polytechnic University, Benguerir, Morocco (February 2025).*

8.3. Institutional Level

- *Committee member for development of courses, AI and digital strategies, and training modalities for the Lycée d'Excellence (LYDEX), Rabat, Maroc. (2025). Lead: M. Ali Bouabid*
- *Committee member for the Sports Excellence Bachelor Program initiation, UM6P, (2025) Lead: Ms. Adeline Carton*
- *Co-founder, Institute of Education Sciences (ISE), UM6P (2020).*
- *Co-supervisor, Recruitment process for ISE (staffing/HR,2020).*

8.4. Faculty Level

- 2023-2025: Partnership development with Université de Sherbrooke (faculty-level international academic exchange).
- 2021: Consultant, Moroccan Innovation Hub / Digital University (faculty-scale initiative with academic + innovation scope). Lead: M. Mohamed Benkamoun.

9. TEACHING AT UNIVERSITY LEVEL

My teaching approach integrates experiential learning, digital pedagogy, and artificial intelligence to foster learners' self-efficacy, creativity, and employability. I design courses that combine theoretical foundations and applied practice, enabling students to co-create digital tools, engage in problem-based learning, and develop critical, computational, and ethical thinking skills. Through multimodal and data-informed feedback, my teaching contributes to preparing learners for both academic inquiry and professional innovation.

- **Institute of Education Sciences (ISE), UM6P, Morocco (2020–present)**
 - *EDU 704 – Digitalization and AI in Education (Graduate course)*
Introduces future educators and researchers to AI literacy, digital transformation, and the ethical use of learning technologies.
 - *CAES-PD008 – AI in Research (Professional development course)*
Equips researchers and graduate students with computational and analytical tools for academic research.
 - *Master Class – Principles of Online Pedagogy and Learner Support*
Focus on instructional design, facilitation strategies, and the human dimensions of online learning.
 - *Modules on AI, Pedagogy, and Digital Education (Sports and Academic Excellence Program, 2025–2026)*
- **Sports and Academic Excellence Program, UM6P (2025–2026)**
 - *Modules on AI, Pedagogy, and Digital Education*
Co-designed interdisciplinary modules linking AI, data analytics, and educational technologies to sports performance, rehabilitation, and inclusion.
- **Université TÉLUQ (Canada), 2021–2024 – Research Assistant & Contributor**

- Supported the design of online courses and research-based guides, including *L'enseignement comodal : conjuguer la présence et la distance en toute cohérence* (REFAD, 2022).
- **Teacher Training and Continuing Education**
 - Designed and facilitated short professional programs for in-service and pre-service teachers, focusing on AI integration, digital inclusion, and hybrid pedagogy.

10. SUPERVISION AND MENTORSHIP

	Name	Project/Thesis Title	Period	Current Position
	Ph.D. Students (Co-supervised)			
1.	Hiba AIT BASSOU	Generative AI for Preservice Teachers	(Cohort 2023–24).	Ph.D. candidate, ISE–UM6P
2.	Yassine BOUCHEKKIF	Human–AI Interaction in Learning Environments	(Cohort 2024–25).	Ph.D. candidate, ISE–UM6P
3.	Omotunde SEGUN	Empowering educators through ethical and artificial intelligent systems	(Cohort 2025–26).	Ph.D. candidate, ISE–UM6P

11. COLLABORATORS (current and past, in chronological order)

11.1. Academia

- *Prof. Dirk Michael Boehe, Full Professor, Director of S-Lab, Africa Business School, UM6P, Rabat, Morocco.*
- *Sara Aouad, Digital Learning Center, UM6P, Morocco.*
- *Adeline Carton, Academic services, UM6P.*
- *Mostafa El Madkouri, Pôle sport, UM6P, Morocco.*
- *Prof. Louise Sauvé, Director, Centre de recherche SAVIE, Québec, Canada.*
- *Prof. Florian Meyer, Associate Professor, Faculty of Education, Université de Sherbrooke, Sherbrooke, Canada.*
- *Prof. Serge Gérin-Lajoie, Full Professor, Department of Educational Technology, Université TÉLUQ, Québec, Canada.*
- *Prof. Belkacem Chikhaoui, Department of Artificial Intelligence, Université TÉLUQ, Montréal, Canada.*
- *Prof. Richard Hotte, Full Professor & Chairholder of the UNESCO Chair in Global Smart Disruptive Learning, Université TÉLUQ, Montréal, Canada.*

11.2. Industry

- *Olivier Boishi, Director, PMGS Inc. (Project Management & Governance Solutions), Montréal, Canada.*
- *Tony Botelho, Managing Director, UBC Career Centre, University of British Columbia, Vancouver, Canada.*

11.3. Government

- *Dr. Ilham Laaziz, Director, GENIE Program (ICT in Education), Moroccan Ministry of Education, Rabat, Morocco.*
- *Prof. Abderrahim Ghassoub, HDR Professor (Measurement & Evaluation, Psychometry, Edumetrics), Head of the Digital Resources Validation and Labeling Unit, National Digital Resources Laboratory (LNRN–GENIE, CNIPE), Ministry of National Education, Morocco.*
- *M. M'hammed RAZOUGUI Head, Division for the Development of ICT Uses, Ministry of National Education, Rabat, Morocco.*
- *Dr. Smail Kherraz, Head, Division for the Development of ICT Uses, Ministry of National Education, Rabat, Morocco.*
- *Dr. Taoufiq Harrouti, Coordinator, Centre Régional des Métiers de l'Éducation et de la Formation (CRMEF), Moroccan Ministry of Education, Rabat, Morocco.*