



MOHAMED ERRADI



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Diplômes

- **Doctorat** 3^e cycle en chimie
- **Doctorat** national en sciences (didactic).
- **Habilitation** en projets de productions pédagogiques



Compétences

- Ingénierie pédagogique
- Numérisation des contenus
- Technologies de l'enseignement et de la formation
- Formation des adultes et formation tout au long de la vie
- Psychologie et sciences cognitives
- Didactique des disciplines
- Conception et production des ressources: manuels scolaires - applications pédagogiques - e-Learning
- Conception des dispositifs de formation en ligne
- Conception et évaluation des curricula

PROFIL PROFESSIONNEL

Professeur de l'enseignement supérieur à l'ENS de Tétouan - Chercheur et formateur axé sur l'optimisation du potentiel des formateurs, des enseignants et des étudiants dans la création, la conception, la mise en œuvre et l'évaluation des systèmes et d'environnements d'apprentissage numériques et innovants en présentiel et à distance, en appliquant les principes et les approches de l'ingénierie et du design pédagogique.

FONCTIONS

- Chef de département des mathématiques, informatique et sciences physiques
- Coordonnateur de la filière Master spécialisé en Ingénierie Pédagogique et Multimédia.
- Coordonnateur de la filière Multimédia et conception web
- Directeur de l'équipe de recherche en Sciences de l'information et Ingénierie Pédagogique Universitaire.
- Expert marocain dans le projet RAMAA II
- Expert de l'ANEAQ : Evaluation des filières ; audit de l'installation des filières universitaires ; audit des établissements de l'enseignement supérieur
- Conseiller et auteurs des manuels scolaires accrédités par le ministère.
- Membres de jury de plusieurs recrutement de postes au niveau de l'université: Directeur de l'ENS - Responsable e-Learning - Professeur Assistant.

DOMAINES DE L'ENSEIGNEMENT ET DE LA FORMATION

- Physique et chimie
- Didactique générale et disciplinaire
- Génie logiciel
- Psychologie et sciences cognitives
- Management des projets pédagogiques
- La formation des adultes et formation des formateurs
- Conception et production des ressources numériques
- Ingénierie, design pédagogique et évaluation des dispositifs de formation en ligne
- Les technologies de l'enseignement et de la formation

DOMAINES DE LA RECHERCHE

1. M.Erradi et al (2001) . Introduction des simulations informatiques dans l'enseignement de la chimie des solutions: Stratégie et évaluation. Revue EPI, N°. 101, Paris, pp. 195-202.

2. **M.Erradi** et al (2001) . Introduction des simulations informatiques dans l'enseignement de la chimie des solutions: Stratégie et évaluation. Revue EPI, N°. 101, Paris, pp. 195-202.
3. **M.Erradi** (2001) . Formation continue sur l'utilisation d'Excel dans l'enseignement: Expérience de l'E.N.S de Tétouan. Revue EPI, N°. 103, Paris, pp. 87-97.
4. **M.Erradi** (2001). Multimedia to the service of the sciences teaching. Scientific Journal "Prospective Research", Al-Hadba'University college, Irak, pp. 101-109.
5. **M.Erradi** et al (2002) . La simulation informatique : Outil d'aide à l'apprentissage de la chimie des solutions. Article à paraître dans la revue Didaskalia, N°21
6. El Mhouti, A., Nasseh, A. and **Erradi M.**, "Development of a Tool for Quality Assessment of Digital Learning Resources", International Journal of Computer Applications (ISSN: 0975 – 8887), Volume 64, No.14, pp. 27-31, February 2013.
7. El Mhouti, A., Nasseh, A. and **Erradi M.**, "How to evaluate the quality of digital learning resources?", International Journal of Computer Science Research and Application (ISSN: 2012–9572), Volume 3, Issue 3, pp. 27-36, January 2013.
8. El Mhouti, A., Nasseh, A. and **Erradi M.**, "An Evaluation Model of Digital Educational Resources", International Journal of Emerging Technologies in Learning (ISSN: 1863-0383), Volume 8, No.2, pp. 29-35, May 2013. (indexed with Scopus and DBLP)
9. El Mhouti, A., Nasseh, A. and **Erradi M.**, "Towards a socioconstructivist and collaborative Learning Design approach to modeling pedagogical contents used in e-learning: Implementation and experimentation", International Journal of Innovation and Applied Studies (ISSN: 2028-9324), Volume 8, No. 4, pp. 1653-1668, October 2014.
10. El Mhouti, A., Nasseh, A. and **Erradi M.**, "Design and Implementation of a Socioconstructivist Model of Collaborative Learning Design Dedicated to Distance Learning", International Journal of Computer Sciences and Engineering (ISSN: 2347-2693), Volume 2, Issue 8, pp. 1–10, August 2014. (Journal indexed with Thomson Reuters).
11. El Mhouti, A., Nasseh, A. and **Erradi M.**, "Design of an Intelligent Tutorial System based on Ontologies", International Journal of Computer Applications (ISSN: 0975–8887), Vol. 89, No.1, pp. 30–34, March 2014.
12. El Mhouti, A., Nasseh, A. and **Erradi M.**, "An Online and Collaborative Learning Design model based on IMS-LD to stimulate collaborative learning in e-learning environments", *Journal of Education and Vocational Research*, Volume. 6, No. 4, pp. 15-32, December **2015**.
13. El Mhouti, A., Nasseh, A. and **Erradi M.**, "Stimulate Engagement and Motivation in MOOCs Using an Ontologies Based Multi-Agents System", *International Journal of Intelligent Systems and Applications* (ISSN: 2074-9058), Volume 8– No 4, pp. 33-42, April **2016**.
14. El Mhouti, A., Nasseh, A. and **Erradi M.**, "A Framework to Stimulate Collaborative e-Learning

Through Collaborative Educational Games Modeled Using IMS-LD”, *International Journal of Information Technology and Computer Science*, Volume 8-No 4, pp. 19-27, April **2016**.

15. El Mhouti, A., Nasseh, A. and **Erradi M.**, “e-LD : A collaborative and online e-Learning Design authoring tool based on IMS-LD specification”, *International Journal of Computer Sciences and Engineering* (ISSN: 2347-2693), Volume 4, Issue 1, pp. 61–65, January **2016**.
16. El Mamoun, B., **Erradi, M.** and El Mhouti, A. “Using Digital Resources in the Measure of the Impact of Working Memory on Students` Acquisition of Mathematical Knowledge”, *International Journal of Computer Sciences and Engineering*, Vol.5, Issue.12, pp.123-129, **2017**. DOI: <https://doi.org/10.26438/ijcse/v5i12.126132>.
17. El Mhouti, A., Nasseh, A., **Erradi, M.** and Marfa Vasqu  z, J. “Enhancing collaborative learning in Web 2.0-based e-learning systems: A design framework for building collaborative e-learning contents”, *Education and Information Technologies*, Volume 22, Issue 5, pp. 2351–2364, September **2017**. DOI:10.1007/s10639-016-9545-2. (indexed in Scopus & Springer).
18. El Mamoun, B., **Erradi, M.** and El Mhouti, A. “Using an Intelligent Tutoring System to support learners’ WMC in e-learning: Application in mathematics learning”, *International Journal of Emerging Technologies in Learning (ijET)*, Vol.13, Issue.12, pp.142-156, **2018**. DOI: <https://doi.org/10.3991/ijet.v13i12.8938> . (indexed in Scopus).
19. El Mhouti, A., **Erradi, M.** and Nasseh, A. “Using cloud computing services in e-learning process: Benefits and challenges”, *Education and Information Technologies*, Volume 23, Issue 2, pp. 893–909, March **2018**. DOI: 10.1007/s10639-017-9642-x. (index   dans Scopus & Springer).
20. Maha Khaldi, Mohammed Erradi. (**2018**). Design and development of an e-Learning project management system: Analysis of the situation. *International Journal of Scientific & Engineering Research* Volume 9, Issue 8, August-2018 129 ISSN 2229-5518.
21. El Mhouti, A., **Erradi, M.** “Harnessing cloud computing services for e-learning systems in higher education: Impact and effects”, *International Journal of Information and Communication Technology Education (IJICTE)*. Volume 15, Issue. 2, pp.18-30, **2019**. DOI: 10.4018/IJICTE.2019040102. (indexed in Scopus).
22. Maha Khaldi, **Mohamed Erradi** & Mohamed Khaldi. (**2019**). LEARNING SITUATION: THE TEACHER MANAGEMENT AND DECISIONS ACCORDING TO THE CONTEXT AND THE SITUATION. *International Journal of Research in Engineering & Technology*. ISSN(P): 2347-4599; ISSN(E): 2321-8843. Vol. 7, Issue 5, May 2019, 25-40.    Impact Journals.
23. Khaldi, M, et **Erradi, M.** (2020). Chapitre 3 : Entre p  dagogie et andragogie: D  finitions et concepts (300619-031010). In Tadlaoui, MA, et Khaldi, M. (**2020**). Personnalisation et collaboration dans Adaptive E-Learning (pp. 1-350). Hershey, PA: IGI Global. doi: 10,4018 / 978-1-7998-1492-4.
24. Barhone J., Khaldi M. , **Erradi M.**, El Mhouti A., &Khaldi Mo. **2021**. Towards the Design of a Conceptual Model of an Intelligent Tutorial Device for Adult Training: Analytical Approach. *RA JOURNAL OF APPLIED RESEARCH*. Volume: 06 Issue: 03. Pp. 2662-2669.
25. Anoir, L., Khaldi, M., **Erradi, M.**, Khaldi, M. *From the conceptualization of an architecture of a pe-*

dagogical scenario to the design of a model of pedagogical scenarios in online education. Handbook of Research on Scripting, Media Coverage, and Implementation of E-Learning Training in LMS Platforms, 2023, pp. 133–166

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30. Erradi, O., Khaldi, M., **Erradi**, M., Khaldi, M. From scriptwriting to mediatization of online training. *Handbook of Research on Scripting, Media Coverage, and Implementation of E-Learning Training in LMS Platforms, 2023, pp. 208–241*
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