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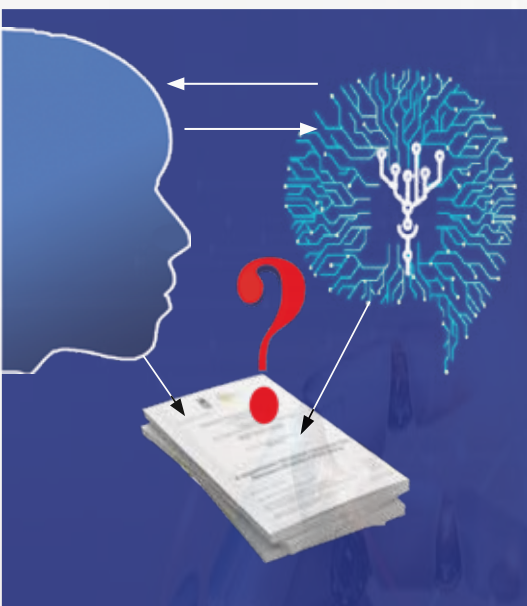
AFRICA – EUROPE – AMERICA – ASIA

ETHICS OF ARTIFICIAL INTELLIGENCE AND DOCIMOLOGY IN THE 21st CENTURY : Teaching and Evaluating Some Other Way with Generative AI
Terms of Reference (TOR)

May 22-23, 2025 - Bouaké **ALASSANE OUATTARA UNIVERSITY**

CONTEXT

The UNESCO Chair of Bioethics organized an International Seminar on the Teaching of Ethics of Artificial Intelligence in African Universities on December 1 – 2, 2023, at the Alassane Ouattara University, Bouaké, under the joint-chairmanship of the Minister of National Education and Literacy, Professor Mariatou KONÉ, and the Minister of Higher Education and Scientific Research, Professor Adama DIAWARA.

Twelve (12) African and European Universities actively took part in this Conference through ten (10) training modules, including the Ethics of AI and Docimology. Docimology is ''the study of various selection modes '' (according to the Larousse) and even more, the ''science that studies various ways of control'' (in Le petit Robert). In the words by H. Piéron, the founder of the discipline, Docimolog is the systematic study of testing or evaluation. Under its classic terms, Docimology was based on a ternary scheme: the evaluator, the learner and the test.

In addition, it is the same pattern that Professor Lazare Poamé used when he introduced the teaching of Docimology in 2013, at Alassane Ouattara University, in order to respond to a number of the LMD program requirements that focused on giving students keys to their evaluation, as well as the keys to the evaluation of their evaluators, in turn.

Using Generative AI, Docimology helps to integrate a fourth actor represented by the technological agent who generates the content at the service of the learner and the evaluator. It remains open to question how to get to this integration, while preserving and even increasing proportionally objectivity in the evaluation.

How to evaluate Master Theses and Dissertations in Social Sciences and Humanities (Bioethics, Law, Sociology, Communication, etc.) that are "generatively" produced or written under the inspiration of the ChatGPT, Nova AI and Aithor?

Considering that the credibility of diplomas rests on the quality of the organization of the education game; above all, the quality of their evaluation. Which strategy can be used to preserve this quality and even improve on it, through an ethical implementation of possibilities offered by Generative AI? What is, in the present days, the use of praising values such as scientific integrity, responsibility, equality and equity in the process of production and evaluation of knowledge?

The current Conference of UNESCO Chair in Bioethics aims to provide answers to such multiple questions with the help of African, European, American and Asian academics.

OBJECTIVE

❖ **General objective**

To operationalize the UNESCO Recommendation about the Ethics of AI in the field of higher education that currently faces knowledge co-production, which is often non-ethical due to a new agent, namely Generative AI.

❖ **Specific objectives**

1. Revisit the fundamentals and methods in Docimology in the age of AI.
2. Better focus on the orientation education actors, particularly Dissertations and Theses evaluators who will now have to know that they are evaluating not only students, but also the contributions of AI that are, by definition, non-ethical.
3. Apply, in the pedagogic way, the principles of AI ethics to the evaluation system of Dissertations and Master Theses.
4. Acquire a good command of new parameters concerning the legitimate and moral appropriation of knowledge or the so-called scientific work (Dissertation, Thesis or Essay, etc.).
5. Propose avenues for suitable reflection that guarantees the credibility and quality of diplomas in the age of AI, through the evaluation objectivity.
6. Help academic institutions in States that have ratified the Global Convention on Higher Education (UNESCO, 2019) to meet the challenges related to this Convention.

Collaboration :

- **Ivorian National UNESCO Commission UNESCO ;**
- **UNESCO Office in Abidjan ;**
- **Côte d'Ivoire's Permanent Delegation to UNESCO in Paris.**

Main Lines of Communication :

- ChatGPT, Nova AI and Aithor : history, inventory and multidisciplinary approaches
- AI and Mutations in Pedagogy and Docimology
- Generative AI and New Evaluation Requirements in Humanities and Social Sciences
- Ethics of AI, intellectual Property and Quality of Diplomas
- Bioethical Principles and "generatively" produced knowledge.

Expected Results :

At the end of this Conference, the following results are expected :

1. The fundamentals and methods of Docimology are revisited and strategized for enhanced productivity ;
2. Education stakeholders, especially Master Theses and Dissertation evaluators acquire better orientation concerning ways to evaluation that implies taking into account the contributions of AI which is non-ethical by definition ;
3. Suggestions are made for a pedagogic application of the Ethics of AI principles to the evaluation system of Master Theses and Dissertations ;
4. The new parameters of legitimate and moral appropriation of knowledge or claimed scientific works (Dissertation, Master Thesis, or Essays, etc.) are mastered ;
5. Avenues for reflection that ensures the credibility and quality of diplomas in the age of AI are suggested.
6. In States that have ratified the Global Convention on Higher Education, the challenges related to this Convention are being addressed.

Scientific Partners :

- Félix Houphouët-Boigny University
- Virtual University of Côte d'Ivoire
- UNESCO Chair for the Culture of Peace, Félix Houphouët-Boigny University
- UNESCO Chair of Women, Water, and Decision-Making Power, Félix Houphouët-Boigny University
- UNESCO Chair of Anticipation, Prospective and Territories, Alassane Ouattara University
- UNESCO Chair of Emergent Practices in Technologies and Communication for Development, University of Bordeaux Montaigne (France)
- UNESCO Chair of Human Rights and Democracy, University of Abomey-Calavi (Benin)
- Université Libre of Brussels
- UNESCO Chair of Ethics, Science and Society, University of Toulouse (France)
- University of Lomé, Togo
- A. S. University of Ziguinchor, Senegal
- Virtual University of Senegal
- University of Nigeria, Nsukka
- PTR CAMES for Governance and Development
- International Network of Bioethics and Development

Call for papers

Submission deadline: April 22, 2025
Abstract of not more than 400 words is to be sent to :
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