

CEROSLETTER#4



Agenda mars - juin

3/03/2025 : Séminaire IA à 10h30- salle 101-102 (Allais)

03/04/2025 : Workshop CEROS-CEREFIGE, 9h-17h (Allais)

28/04/2025 : Atelier : Ethique de la recherche de 12h à 14 h en salle 614 B (Allais)

30/04/2025 : Séminaire SPSG: la neutralité à 14h30 en salles 301 et 302 (Allais)

Mot de la Direction

Notre laboratoire poursuit sa belle dynamique!

Au sommaire de cette 4^{ème} lettre du Ceros:

-l'actualité des séminaires "Philosophie des sciences de gestion" et "ECONOM'IA" qui est une collaboration CEROS-ECONOMIX sur l'intelligence artificielle (page 2)

- le track Industry Prolog 2025 (page 3)

- le 3^{ème} workshop CEROS-CEREFIGE qui a pour thème central la durabilité et qui aura lieu le 3 avril à Paris Nanterre (page 4).

- les dernières publications et soutenance des membres du laboratoire (pages 5 et 6).

Bonne lecture à tous!

Céline BARRÉDY et Florence DEPOERS

Directrices du laboratoire

Actualités séminaires

Philosophie des sciences de gestion: SPSG

Le dernier séminaire en de la SPSG a eu lieu le 5 mars sur le scientisme avec **Philippe Corcuff (IEP Lyon)**
Organisateurs : Yoann Bazin (paris Nanterre)
et Laurent Magne



Prochaine séance : **Mardi 30 avril – 14h30 : La neutralité**
Salle 301/302(UPN, Bâtiment Allais) ou Teams

Intelligence artificielle: Econom'IA

Jeudi 13 mars 2025 : Salle 101-102

Yves Demazeau (LIG, Grenoble)

Ethical Design of Large-Scale Multi-Agent System



Résumé: To fit with the fast-growing number of autonomous agents and the need of an increased focus on end users, engineering complex multi-agent systems has to evolve towards more scalable and ethical systems, in respect of the users these systems are designed to serve, also in respect of the countries where these systems are deployed. Based on VOWELS modelling, we propose an iterative method of constructing such systems, which is divided into six stages, each of them being independently verified, the whole system being empirically validated. We model the end-users in terms of preferences, capabilities, activities and expectations, and the environment in which they operate. We install personal data protection mechanisms to ensure privacy of users. We explain how to determine, at design time, the right balance between legal aspects and moral aspects of the agents in the respect of a given country the multi-agent system is deployed. We show how the balance depends on the problem to solve, of the application domain, and how it should evolve over time. We illustrate our method on some practical applications we have developed in recent years : dynamic pricing worldwide, prediction of currency exchange with China, web site relooking in France. We believe the method of designing multi-agent systems we propose can increase their adoption and use in science and industry.





8th Edition of the International Conference on Project & Logistics

TRACK INDUSTRY 5.0. PROLOG 2025

**8th Edition of the International Conference on Project & Logistics
April 28 to May 1, 2025 - at Marrakech, Morocco**

**Special session Integrating Human Aspects in Supply Chain Management and
Operations Management: Human-Centric Approaches for Industry 5.0**

Track Chairs

Thierry Fouque, Professor, Paris Nanterre University

Asma Rakiz, Associate professor, Paris Nanterre University
(asma.rakiz@parisnanterre.fr)

Maria Alice Trindade, Clinical Professor, Texas A&M University

Key Words: Logistics; Human factors; Industry 5.0; Operations Management;
Integrated Approaches

Session Description : Industry 5.0 is often described as a holistic and collaborative system where humans work closely with advanced technologies, including AI-driven systems to enhance industrial processes. This new paradigm emphasizes a human-centric approach, prioritizing worker well-being and integrating human capabilities into industrial practices. At the time of transition to Industry 5.0, the focus on human-centric methodologies in supply chain and operations management becomes increasingly important for achieving sustainable and efficient outcomes. This special session aims to explore innovative research and methodologies that integrate human wellness while addressing the different issues of logistics and supply chain management.

Submission Guidelines We invite original research papers, case studies, and conceptual frameworks that align with the session's theme. Submissions can be in the form of communication papers or extended abstracts and should adhere to the conference's formatting guidelines described on the conference website:

<https://www.prologconference.com/>





Workshop on Management sciences and sustainable development issues

3rd Edition of CEROS-CEREFIGE Workshop : Management sciences and sustainable development issues

April 3rd, 2025, at the University Paris Nanterre (9:00 - 17:00)

The third edition of the workshop between CEROS and CEREFIGE aims to facilitate the exchange of ideas and results between professionals and academics. This workshop will focus on the concept of sustainable development issues faced by organizations nowadays. The goal is to deepen our understanding of the contemporary business environment and its implications for management sciences. The workshop will bring together both academic and professional perspectives to foster genuine exchanges of ideas and results.

The research themes of this workshop include:

Adapting to new management dynamics

Creating responsible values

Managing stakeholders' interests

Sustaining new practices

The workshop is organized by PhD candidates from CEROS (University Paris Nanterre). Its primary aim is to provide an opportunity for all PhD candidates in management sciences from CEROS and CEREFIGE to present and discuss their research. It is open to all students in Management Sciences (bachelor's and master's degree levels) to raise awareness about the challenges companies face today regarding sustainable development issues.

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Publications

Ben Youssef, K., Chaney, D., & Tandilashvili, N. (2024). Experiential education, customer knowledge and adoption of electric vehicles: an exploratory study. *Journal of Strategic Marketing*, 1–18. <https://doi.org/10.1080/0965254X.2024.2418074>

Bensebaa F., Le Gogg Y. (2024) Un soupçon de compétition dans la sécurité : Enquête sur le marché de la protection publique et privée. Editions L'Harmattan, 28 nov. 142 pages. Faouzi Bensebaa, Joan Le Goff.

Bensebaa F., Taba K., Agbovoedo J. S. (2024) Le combite et le développement durable en milieu rural, in Soufyane Frimousse et Soha Bencheckroun, Ingénieuse et talentueuse Afrique. Quand l’Afrique inspire le monde. EMS.

Bensebaa F., Ategui V. D., (2024) Les parties prenantes secondaires : une négligence délibérée . Le cas des projets de développement des zones urbaines au Bénin. in Soufyane Frimousse et Soha Bencheckroun, Ingénieuse et talentueuse Afrique. Quand l’Afrique inspire le monde. EMS.

Kefi H., Khelladi I., Mani Z. et Veg-Sala N. (2024), AI-Enabled Social Support Chatbot Usage: Flowing Ambivalence and Liminalities, *Journal of Decision Systems*, 1-24 (FNEGE : 4 ; CNRS : 4 ; HCERES : C ; ABS : 1

Kooli-Chabane H. (2024) Intégration des facteurs clés de succès dès la conception des business models circulaires système produit-service. *Revue Management & Sciences Sociales*, N° 39/2024-4, pp. 40-62. À paraître. [FNEGE rang 4]

Kooli-Chabane, H. (2024). Intégration des facteurs clés de succès dès la conception des business-models circulaires système produit-service. *Management & Sciences Sociales*, 39(4), 42-65.

Tandilashvili, N.; Tabatadze, M.; Tandilashvili, A. (2024). The influence of rankings on business school students’ perception and satisfaction. An exploratory study. *Editorial Universitat Politècnica de València*. 1-8. <https://doi.org/10.4995/HEAd24.2024.17221>

Tandilashvili A., Tandilashvili N., Tabatadze M. (2024) Growth Configuration of Invention-based Entrepreneurial Start-up, *International Journal of Social Sciences*, Volume 4, Issue 1, <https://doi.org/10.55367/ZDKI3774>

