

Postdoctoral Researcher in Information Systems and Artificial Intelligence

Company:

TBS Education

Location:

France / Toulouse

Discipline:

Information Systems and Artificial Intelligence

Employment Type:

Postdoctoral Researcher

Posted:

25/07/2025

Contact Person:

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CALL FOR APPLICATIONS

Postdoctoral Researcher in Information Systems and Artificial Intelligence

TBS Education is recruiting a postdoctoral researcher for a full-time position for a period of 10 months (renewable up to 24 months), ideally starting from September 2025. It is also possible to start earlier.

This position is funded as part of a partnership with APEM, a company within the IDEC Group (Japan). APEM specializes in designing and manufacturing human-machine interface (HMI) solutions, including switches, joysticks and control panels, serving industries such as aerospace, defense, industrial automation, and transportation. Clients include major players like Airbus, Thales, and Siemens.

The postdoctoral researcher will contribute to applied research projects aimed at supporting APEM's transformation through data analytics and artificial intelligence (AI) technologies. This is a unique opportunity to conduct impactful research at the intersection of Information Systems, AI, data analytics, and organizational transformation, leading to potential publications in top academic journals.

POSITION OVERVIEW

As part of the research team from the Information, Operations & Decision Sciences Research Lab and also the Center of Excellence in Artificial Intelligence and Business Analytics, you will work on several key areas related to the adoption and integration of data analytics and AI technologies within APEM. Specifically, the researcher will undertake several key tasks:

Qualitative and Quantitative Research

- Conduct qualitative data collection and analysis through interviews with key stakeholders (management, employees, partners) to understand the organizational and strategic challenges of data analytics/AI transformation.
- Design and implement company-wide surveys to assess the adoption and impact of AI and analytics initiatives.
- Apply advanced statistical methods to analyze survey data and derive actionable insights.

Development of AI and Analytics Solutions

- Work on AI and analytics-related projects such as forecasting, optimization, and decision-support models.
- Develop and implement machine learning models to address real-world industrial and operational challenges within APEM.
- Explore new methodologies and approaches to enhance AI adoption and organizational efficiency.

Research and Academic Contributions

- Translate findings from organizational transformation studies and AI-driven solutions into high-quality research papers targeting top-tier academic journals.
- Contribute to the writing of scientific articles and academic publications.
- Present research findings at international conferences and academic events.
- Collaboration with research and industrial partners
- Work closely with teams at TBS Education and APEM to ensure the relevance and impact of the research.
- Participate in seminars and knowledge transfer workshops.

Collaboration with Partners

- Engage with APEM's teams to ensure the alignment of research objectives with business needs.
- Participate in seminars, workshops, and knowledge transfer activities between academia and industry.

CANDIDATE PROFILE

- A Ph.D. in Information Systems (or a related field) with knowledge in Data Science and Artificial Intelligence.
- Proficiency in qualitative and quantitative research methods applied to information systems.
- Some experience in applying machine learning and AI techniques to organizational or industrial challenges.
- A strong understanding of strategic and organizational issues related to digital transformation.
- Fluency in English (French would be a plus) to facilitate communication with various

stakeholders.

- Ability to work collaboratively with enthusiasm, rigor, and autonomy.

Contract Duration: Initially 10 months (with the possibility to extend it up to 24 months in total). Ideally starting from September 2025 (possibility to start earlier)

Salary: €2,700/month gross.

Location: Toulouse, France.

ABOUT THE SCHOOL

Founded in 1903, TBS Education is among the 1% of business schools with the “triple crown” of international accreditations: AACSB (renewed in 2024 for 6 years), EQUIS (renewed in 2024 for 5 years) and AMBA (renewed in 2021 for 5 years). More than 120 nationalities and 6,000 students are present on its 4 campuses located in the heart of dynamic cities: Toulouse, Paris, Barcelona (Spain) and Casablanca (Morocco). In addition, it benefits from a network of over 250 partner universities on 5 continents with the most prestigious higher education institutions.

In 2022, TBS Education adopted the “Business for Good” status, with the following ‘raison d’être’: “Thanks to research with a societal impact, TBS Education trains diverse, open and enlightened learners, who will contribute to the development of a responsible and sustainable economy within their organizations”. More about TBS Education as Business for Good can be found at [TBS Education Business for Good](#), and about its strategic plan at [TBS Education 2026 Strategy](#).

Research at TBS Education is articulated around six Research Labs, three Centers of Excellence: Aeronautics and Space, Artificial Intelligence and Business Analytics, and CSR Sustainable Development, and two chairs: The Sirius Chair and the APEM Chair: [High Impact Research TBS Education](#). TBS Education is also highly committed to Pedagogical Innovation, as illustrated by the prizes awarded in France and internationally to its projects and which include, for example, AMBA’s “Innovations that inspire” in 2025, the Eduniversal Pedagogy trophies in 2024, the AMBA & BGA Excellence awards in 2021 and 2022/23, the FNEGE “Coup de Coeur” in 2020, or the Babson Collaborative Spotlight Award in 2020.

Toulouse is a dynamic business, cultural and educational center at the heart of Europe. Known in France as “La Ville Rose” (The Pink City) for its beautiful terracotta brickwork, it is ideally situated in the south-west of France, approximately two hours from the Mediterranean Sea, the Atlantic Ocean, and the Pyrenees mountains. European aerospace capital and home to more than 150 international companies, Toulouse offers a unique academic environment in a vibrant, cosmopolitan city: [Discover Toulouse](#). The Dean of Faculty is appointed by General Management of TBS Education for a renewable period of three academic years.

In line with the values promoted by TBS Education, we are committed to professional equality and the employment of disabled workers. As part of our recruitment process, all applications are examined on a case-by-case basis.

Application (CV & Cover letter) to be sent to:

**Kevin Carillo, Associate Professor in Information Systems and Data Science,
k.carillo@tbs-education.fr
before September 15, 2025.**

Contact Person:

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