The ESIEE IT Higher Education Establishment of the new educational group “CCI Paris Île de France Education” is creating a new engineering school in Pontoise, relying for this creation on two engineering programs in "Computer Science and Applications" and "Networks and Security". These two programs are currently ESIEE Paris programs, which is supporting the development of the new engineering school.

To strengthen its teams and participate in the construction of this new establishment, we are looking for a high potential assistant or associate professor in computer science. You will be recruited on a permanent position by the EESC ESIEE IT of the Paris Île de France Chamber of Commerce and Industry.

You have a PhD in the field, typically in CNU 27 or 61, and your teaching experience allows you to be involved in the short term in different training courses. Your research potential translates into publications and participation in R&D projects. Beyond the teaching and research aspects, you will contribute to the development of the Pontoise site and its visibility, and will guarantee the quality of external or temporary teachers.

**In terms of teaching**, you will be particularly involved in the "Computer Science and Applications" program. You will be involved in teaching courses on software engineering, object programming, databases, computer vision and machine learning. Teachings must be given in French; a sufficient command of oral and written French is therefore required.

You will participate in the supervision of engineering students in projects with a practical dimension. You will participate in the management of units, supervise students in projects and follow up apprentices. An interest in pedagogical innovations will be an additional asset.

**In terms of research**, your work demonstrates strong potential and autonomy as well as an aptitude for multidisciplinary dialogue. Your research activities will contribute to the research themes of the ETIS laboratory (CYU, ENSEA, CNRS, UMR8051) and more precisely, in the fields of Artificial Intelligence, Machine Learning and Computer Vision. The candidate will have demonstrated his/her skills in one of the following themes:

- Robotics
  - artificial vision,
  - reinforcement and life-long learning,

ESIEE PARIS is the engineering school of the Paris Region Chamber of Commerce and Industry and is a founding member of the Gustave Eiffel University. This high-level scientific environment focused on research and innovation and the relationships maintained with the most dynamic companies in terms of recruiting engineers contribute to one of the major successes of ESIEE Paris: 98% of ESIEE Paris graduate students find a job within six months of leaving the school (89% before graduation). ESIEE Paris is part of Group A engineering schools.
- artificial intelligence inspired by the brain,
- neuro-robotic architectures,
- On-board computer vision and machine learning,
- Data Science:
  - machine learning for the analysis of massive multimodal data, including data from computer vision (image, video, 3D), text, semantic, spatiotemporal data, etc.
  - introduction of machine learning models in massive data processing (query, analysis), explicability of results.
- Telecommunications
  - Machine learning for 6G communications,
  - Machine learning for localization, RF fingerprinting and geolocalization,
  - Machine learning for resource allocation,
  - Machine learning for security.

You will be associated with the ETIS laboratory and you will thus contribute to its influence, its animation and its representation. You will promote the ETIS laboratory in this field, in particular with the actors and partners of the Grand-Etablissement CY Paris University, the actors of the territory, the competitive clusters, the local authorities and will reinforce the national and international collaborations. The institutions attach a lot of importance to the research aspect, and we expect a proven and measurable activity from the teacher-researcher. You will propose a research project that is compatible with your teaching activities and your experience, in line with the laboratory's development strategy.

Contacts:

- Jean-François Bercher, Dean of the ESIEE Paris faculty (doyen@esiee.fr)
- Marc Huertas, Director of Academic Programs ESIEE IT, (mhuertas@itescia.fr)
- Olivier Romain, director of the ETIS laboratory (olivier.romain@cyu.fr)

**Position to be filled in January 2021**

**Closing date for applications: November 25, 2020**

**Auditions of the candidates will take place on December 9, 2020**

Complete application file in electronic format (a single pdf file containing a letter of motivation, cv, and integration project, supplemented by an archive of annexes - copy of diplomas, copy of an identity document, publications, recommendations ...) to upload at [https://tinyurl.com/y4bgw4hk](https://tinyurl.com/y4bgw4hk) or to be sent to doyen@esiee.fr (enter in the subject line of the email: Application EC IIA-PO2021)