# Associate Professor of Applied Mathematics

Company:
**emlyon tech school**

Location:
**France / Lyon**

Discipline:
**Applied Mathematics**

Employment Type:
**Permanent Full-time**

Posted:
**12/11/2026**

Contact Person:
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## Associate Professor of Applied Mathematics emlyon tech school

**emlyon tech school** invites applications for a teaching-track position at **Associate Professor level in Applied Mathematics**. We seek an experienced educator who can build strong mathematical foundations across the BSc and MSc programs and connect them to programming, modelling and decision-making.

emlyon tech school combines science, technology and business, with a focus on using technology and artificial intelligence to address practical problems and support decision-making. Learning is by doing: company projects, hands-on courses, small cohorts. The school is building a dedicated faculty, with strong connections to emlyon business school and to academic and industry partners.

### The position

The role focuses on teaching, course development and student supervision, with a substantial teaching load in line with the teaching track. The successful candidate will help shape the mathematical curriculum of new programs and develop applied courses and projects linking mathematics to technology, engineering and business decisions.

The position is open at Associate Professor level. It starts in **May 2027**, with first courses delivered from September 2027, and is based at the Paris campus.

The successful candidate will:

- Design and deliver mathematics courses at BSc level, including calculus, linear algebra, probability, statistics and introductory optimisation.
- Contribute to MSc teaching in areas such as mathematical modelling, optimisation, stochastic methods, numerical analysis and the mathematical foundations of machine learning, according to their expertise.
- Connect mathematical concepts to computational implementation, and design assignments and teaching resources using programming, simulation, real data and problems developed with companies.
- Supervise student projects and dissertations, and work with colleagues and industry partners on applied learning activities.
- Participate in curriculum development and the academic life of a new school.

Teaching will be delivered in English. Particular attention will be given to making mathematical concepts accessible while maintaining academic depth, and to building a coherent progression from undergraduate foundations to advanced applications.

**Candidate profile**

Applicants should hold a PhD in Applied Mathematics or a closely related discipline, with a strong mathematical background and substantial higher education teaching experience appropriate to an Associate Professor appointment.

We welcome candidates with expertise in one or more of the following areas:

- Mathematical optimisation and operations research.
- Probability, statistics and stochastic modelling.
- Numerical analysis and scientific computing.
- Dynamical systems, control and simulation.
- Mathematical foundations of machine learning and artificial intelligence.

Candidates should demonstrate teaching excellence, versatility across foundational mathematics beyond their immediate specialism, and proficiency in scientific programming, preferably Python. They should have a proven ability to design courses, develop assessments and support students with different levels of mathematical preparation.

We particularly welcome experienced educators from engineering schools, university institutes of technology or comparable institutions. Candidates should be able to guide students from a practical problem to a mathematical formulation, a computational solution and a critical assessment of the results.

Experience collaborating with companies, including student projects, consulting or applied studies, would be an asset. Peer-reviewed publications and other scholarly contributions are valued as complementary evidence of expertise. Selection will prioritise teaching quality, breadth and the ability to develop applied courses and projects.

**Additional requirements**

- Ability to work collaboratively across disciplines in a growing international school.
- Capacity to contribute to institutional service, including program coordination, curriculum design and external representation.
- Fluency in English and experience teaching in English. French is an asset but is not required.
- Willingness to be based in Paris or the surrounding area.

Performance evaluation will primarily reflect teaching quality, student supervision, curriculum development and institutional service, in line with the teaching track. Applied projects, teaching resources and other intellectual contributions will support these activities.

We strongly encourage people of all backgrounds (gender, ethnic background, nationality) to apply.

Salary and conditions are competitive and will be commensurate with qualifications and experience.

**Academic environment**

Joining **emlyon tech school** at an early stage offers the opportunity to shape its mathematical curriculum, teaching practices and applied student projects. As part of the wider emlyon community, the successful candidate will join a vibrant faculty of more than 200 professors across emlyon business school, emlyon tech school and emlyon london interdisciplinary school.

This environment brings together expertise in STEM, management, engineering, computer science, data, AI and social sciences, creating fertile ground for impactful research, innovative teaching and meaningful collaboration. Together, faculty members contribute to advancing knowledge at the intersection of technology, business and society, combining scientific excellence with real-world relevance.

**Applications**

Applications should include:

- A cover letter explaining the fit with the teaching track and emlyon tech school.
- A CV detailing teaching experience, courses developed, student supervision and relevant collaborations with companies.

- A teaching portfolio including a teaching statement, sample syllabi or assignments, and available evidence of teaching quality, such as student evaluations or peer observations.
- One or two examples of applied courses or projects linking mathematics to programming, modelling or decision-making, explaining the candidate's contribution.
- Representative publications or other intellectual contributions, where available.
- Contact details for two referees able to comment on the candidate's teaching and academic contributions.

Questions about the position can be addressed to **Professor Yacine Rekik**, Academic Dean, emlyon tech school, and **Professor Benoit Loeillet**, Head of the ODAI department at emlyon business school: yrekik@em-lyon.com/ loeillet@em-lyon.com

**Recruitment process**

**emlyon tech school** complies with the Open, Transparent and Merit-based Recruitment principles as stated in the European Code of Conduct for the recruitment of researchers.

The selection committee is appointed by the Head of department and composed of three to eight professors, ensuring a balanced representation of gender, national origin, and academic ranks.

1. The selection committee reviews applications with particular attention to teaching experience and quality, breadth of mathematical expertise, course design and applied project work.
2. **Short-listed candidates** are invited to a recruitment day (held by videoconference in most cases) including:

a) a teaching demonstration and a presentation of an applied course or project;

b) one-on-one interviews with committee members.

Faculty assessments will focus on clarity of explanation, mathematical rigour, student engagement and the ability to connect concepts to practical applications. Committee assessments are aggregated to identify the leading candidates.

- Finalists are interviewed by the Dean of emlyon tech school and the emlyon Dean for Faculty & Research.

Submission deadline: **18 December 2026**

**emlyon tech school** reserves the right to consider applications submitted after the deadline.

**APPLY NOW**

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