



Human Resources Department

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GENERAL PRESENTATION

RECRUITMENT OF TEACHER-RESEARCHERS

SESSION 2023

As a public scientific, cultural and professional institution (EPSCP) under the supervision of the Ministry of Ecological Transition and Territorial Cohesion (MTECT), ENTPE trains engineers and managers who are called upon to support and deploy ecological and solidarity-based transition throughout the territories, based on the knowledge and innovations produced in its research laboratories. It carries out training and research activities in close collaboration with the institutions of the Lyon Saint-Etienne site and its national and international academic and socio-economic partners.

Today, the school trains approximately 700 engineering students, most of whom are recruited after two years of intensive undergraduate study leading to a nationwide competitive entry examination to postgraduate schools of engineering "les grandes écoles". These students are evenly divided between civil servant engineering students and private sector students. The school also offers a full range of master's degrees and, as of September 2023, a Bachelor's degree. It trains 100 doctoral students in its laboratories.

In an increasingly competitive context, one of the major challenges is to have the school recognized as a pilot and exemplary institution on the issues of ecological transition and solidarity, both within the academic sphere and in the wider socio-economic world, both on a national and international scale.

Within the framework of the bachelor program, the ENTPE is recruiting 5 teacher-researchers whose profiles are listed in appendix 1.



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1. Submission of applications

Interested parties are to send applications by e-mail to recrutement-enseignants-chercheurs2023@entpe.fr indicating name, surname, e-mail address and the position applied for.

In return, a message will be sent informing you of the application procedure: this procedure is dematerialized via the website <https://recrutement.entpe.fr>.

In case of technical problems, you can reach us at aurion@entpe.fr.

In case of administrative questions, you can reach us at recrutement-enseignants-chercheurs2023@entpe.fr .

To prepare their applications and define their research and training projects, and until the closing date for applications, candidates are strongly encouraged to contact the heads of the recruiting units (see contact information on each job description).

The deadline for submitting applications via the Internet is Friday, February 17, 2023 at 12:00 a.m. (Lyon time).

Candidates are kindly reminded not to wait until the last few days to register.

2. Application Requirements

The candidate must have one of the following degrees:

For recruitment at the "maître.sse de conférence" assistant professor level, the candidate must hold a doctorate.

For recruitment at the "professor" level, the candidate must hold an habilitation to direct research or the international equivalent.

3. Constitution of the application file

The content of the application file is given in Appendix 2.

4. Review of applications

4.1 Selection of applications

Each candidate's application will be examined (diplomas, titles, work, experience) jointly by the research department, the education department and the human resources department.

After examination, the list of candidates to be interviewed is decided by the director. Only the selected candidates will receive an invitation to interview.

4.2 Candidate Auditions

Successful candidates will be interviewed by a recruitment panel. The members of the recruitment panel are as follows:

- The director of research of the ENTPE (DR) or his/her representative
- The dean of education ENTPE (DFI) or his representative
- The director of the Joint Research Unit (UMR) in which the recruitment is made or his/her representative (director of the component or ENTPE team of the UMR)
- An additional member from the ENTPE component of the UMR
- Three external academic staff

The audition of each candidate will last **45 minutes**.

In the first part (**15 minutes**), the candidate describes his/her experience in the field of higher education and explain how he/she intends to develop his/her research and training activities in the context of the position for which he/she is applying.

The candidate then answers questions from the jury. If the job description specifies that the candidate must have knowledge of a foreign language, he or she may be asked to answer questions in that language.

The objectives of the recruitment panel are to:

- Guarantee the required academic level, considering the evaluation of specific points (expected requirements)
- Recrute talent
- Ensure integration and collaborative work capacity

For each of the positions open to recruitment, the expected requirements are to be found in the "Expected Profile" of the job description. They form the criteria grid for ranking candidates.

The jury's interview takes place at the ENTPE in Vaulx-en-Valin (Lyon Metropolis) and the audition is scheduled in person for each candidate. Nevertheless, within the limits of available technical means, ENTPE may exceptionally organize a videoconference audition for a candidate

residing abroad or who has, for another reason, submitted a request.

5. Terms and conditions of employment

5.1 Starting date

A start date before summer 2023 is desired.

5.2 Administrative status - Remuneration

Recrutement will be carried out through the school's own employment framework:

- If you are a civil servant: you will be offered a contractual secondment through the employment framework,
- If you are not a civil servant : you will be offered a permanent through the employment framework

A post-recruitment exchange will take place with the ENTPE's human resources department to establish the administrative file and to define the conditions of remuneration.

A management charter, the principles of which were validated by the Management Board on November 22, 2022, constitutes the common framework for the management of the School's contractual personnel.

5.3 Working conditions

5.3.1 Material working conditions

A laptop and an office on ENTPE premises.

5.3.2 Working hours and vacations

The annual working time, set by the school's internal working time regulations, is 1607 hours per year, which corresponds to an average of 38.5 hours per week.

A full-time employee has 44 days of annual leave available through the "reduction of working time" (RTT). It is necessary to deduct from this the days of obligatory closures of the school (1 week for Christmas vacations and some days added to certain holidays and validated by decision of the management).

Partial telecommuting is authorized, up to 2 days per week, after 2 months of presence at the school and validation by the head of department.

The school calendar may bring scheduling constraints.

5.3.3 Accessibility and other amenities

The ENTPE campus is shared with ENSAL, Lyon's national architecture school. Public transport nearby (bus stop) provides a link with the center of Lyon.

The Campus has a secure bike shelter and vehicle parking.

The establishment includes a collective catering area on site (CROUS) as well as sports facilities (access to sports activities offered by the sports association).

5.3.4 The school's CSR policy

The ENTPE is an institution which is strongly committed to Corporate Social Responsibility, along 5 lines:

- Strategy and governance
- Education and training
- Research and innovation
- Environmental management of the campus
- Social Policy

You can find more practical information on the school's website: <https://www.entpe.fr/>

APPENDIX

Appendix 1: Positions offered

In order to prepare applications and define research and training projects, and until the closing date for applications, candidates are strongly encouraged to contact the heads of the recruiting units (see each job description for contact information).

The job descriptions are available on the website:

Address of the ENTPE site <https://www.entpe.fr/>

<i>Profile</i>	<i>Laboratory</i>	<i>Discipline(s)</i>	<i>Specialty</i>
Assistant professor or Professor in "Applied Physics for Ecohydrology"	LEHNA	Applied Physics for Ecohydrology	Environmental physics (CNU 37)/ Climate change: global and regional hazards and impacts (CNRS section 19)
Assistant professor " Technical intervention in inhabited environment"	EVS	Sociology, geography, planning, history, anthropology, political science	Housing field
Assistant professor or Professor in "Microeconomics applied to transport and mobility"	LAET	Economics	Econometrics, Micro-economics, Transport Economics, Behavioural Economics
Assistant professor or Professor in "big data analysis for transportation and energy engineering"	LICIT-ECO7	Computer science, Applied Mathematics, Civil or Electrical Engineering (Data analysis, modelling and prediction)	Learning, Big data, Modelling / Prediction, Transportation Systems, Energy storage and management

Assistant professor in “multi-physical behavior of bio-sourced and/or geo-sourced materials”	LTDS	Civil Engineering, Mechanics, Energetics	Multi-physical behavior of bio-sourced and/or geo-sourced materials
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Appendix 2: Documents to be provided

To apply, you must upload, in your candidate space, the Research and Training application file in PDF format, minimizing the number of files by Friday, February 17th, 2023 at 12:00 am (Lyon time). The composition and the order of appearance of the documents in PDF format are indicated below.

File to be constituted

Recruitment 2023 – TEACHER RESEARCHER at ENTPE RESEARCH AND TRAINING FILE

Mrs. Mr. (delete as appropriate) Name:
Name at birth if preferred:
First name(s):
Born on (dd/mm/yyyy) :
Current work situation:
Discipline(s):
Area(s) of Study:
Keywords:

NB: for each of the headings A to J, attach the requested documents, remembering to number them and to indicate the heading.

A: CURRICULUM VITAE

1) Major degrees and academic qualifications:

- Indicate the institutions in which these degrees and titles were obtained, the thesis director and the jury composition.
- Copies of diplomas, defense authorization reports and defense reports for doctoral theses, Habilitation to Direct Research, for theses defended in France. ***These documents are necessary to assess the quality of the file. If they are missing, the candidates will not be auditioned.*** For theses defended abroad, send jury thesis assessment report.
- CNU or other qualifications, prizes

2) Research activities

For each, specify the company/institution, the department/laboratory and the name of the person in charge, the start and end dates of the activity, the position held

3) Training activities

For each, specify the institution, the department and the name of the person in charge, the nature and scope of the activities carried out, the start and end dates

4) Other *professional* activities

For each, specify the company/institution, the department/laboratory and the name of the person in charge, the start and end dates of the activity, the position held

5) Additional training

6) Possible career break(s)

B1: RESEARCH ACTIVITY AND SCIENTIFIC PROJECT IN RELATION TO THE PROPOSED POSITION (3 to 5 pages maximum)

It will be broken down into two points:

1) History and assessment of past scientific activity; 2) Scientific project for the proposed position.

B2: REVIEW OF THE TRAINING ACTIVITY AND TRAINING PROJECT IN RELATION TO THE PROPOSED POSITION (1 to 3 pages maximum)

It will be broken down into two points:

1) History and assessment of past training activity; 2) Training plan for the proposed position.

Note: These two parts B1 and B2 of the file should enable the recruitment panel to assess, in particular, the relevance of the scientific and training work, the relevance of any mobility(s) during the career, the scientific openness, the ability to work in a team and the relevance of the research project and the training project to the position for which the candidate is applying.

Are expected :

- an ambitious and coherent scientific project on the research theme, addressing identified renewal issues, and mentioning in particular internal and external interactions and links with the socio-economic world,*
- a training project related to the fields specified in the Recruitment Job Sheet in the framework of the "Ecological Transition and Territories" bachelor's degree, which will open in September 2023, and more globally, the vision of its insertion in the involvement of its laboratory in the various training courses.*

C: SCIENTIFIC AND TECHNICAL PUBLICATIONS

1) Publications and other productions

Fill in the table below.

Provide in appendix the precise exhaustive list of published or accepted scientific productions, classified under the same headings

	Code	Total number
Article in peer-reviewed journal listed in JCR, Scopus, ERIH, HCERES, DBLP ¹	ACL	
Article in peer-reviewed journal not listed in JCR, Scopus, ERIH, HCERES	ACLN	
Article in a non-refereed journal	ASCL	
Direction of published study	DO	
Scientific book or chapter	OS	
Visiting lecturer in an international or national conference ²	INV	
Paper with proceedings in an international conference listed in BDI JCR, Scopus, ERIH, HCERES, DBLP ¹	ACTI	
Paper with proceedings in an international conference not listed in the IDB JCR, Scopus, ERIH, HCERES, DBLP ¹	ACTIN	
Research report	RAPP	
Expertise report	RAPP-EX	
Book of scientific popularization or chapter	OV	

¹ For articles published in refereed journals and for proceedings of refereed conferences, the researcher will specify the database concerned, the discipline and, if applicable, the impact factor of the journal.

² These are invited conferences in the sense of free registration fees and travel, or (semi-) plenary conferences.

The 3 most representative scientific productions of your research activities

		year
1		
2		
3		

Specify how this work best demonstrates research directions and contributions to your research area.

2) Patents, software deposits, industrial or operational applications

Products	date	Registration number

D: NATIONAL SCIENTIFIC ACTIVITY

- 1) Participation in scientific projects by specifying the role (participant, scientific leader of a task, project leader, ...), project funding, the start and end dates of the project and the main partners and financiers, public and/or private. *(Even if some elements have been presented in the curriculum vitae, it is necessary to also indicate them here).*
- 2) Participation in networks or ongoing collaborations *(Indicate in the list of scientific productions those that correspond to these collaborations).*
- 3) Scientific supervision (trainees, masters, doctorates, post-doc) *(Specify: the name of the student, the level, the research theme, the percentage of supervision, the period, if it is a supervision responsibility or a participation in supervision. Indicate in the list of scientific productions those which correspond to these supervisions).*

E: INTERNATIONAL SCIENTIFIC ACTIVITIES

(Stays abroad and/or field missions of significant importance, participation in international projects by specifying the framework of the project and the role of the international collaborations followed, international supervisions (engineering and masters internships, theses and post-doc...).

F: SCIENTIFIC OUTREACH

(Member of learned societies, members of working groups, experts or international committees, members of scientific institution committees, ...).

G : RESEARCH ADMINISTRATION AND ANIMATION ACTIVITIES

(Animation and administration of research (participation in the organization of events, organization of colloquia, participation or responsibility for research groups, testing facilities, seminars); Administrative and elective responsibilities).

H: TEACHING AND TRAINING ACTIVITIES

(Teaching (for each case, specify the years of exercise, the content, the type and level of training, the institution and the annual hourly volume); responsibility for training courses or academic structures (responsibility for teaching, year, diploma, doctoral schools); participation in diploma juries, academic competitions juries and in bodies or committees related to teaching)

I: SCIENTIFIC EVALUATION ACTIVITIES

(Member of editorial committees of journals, scientific committees of conferences, colloquia; proofreading of articles, specifying the total number and the journals concerned; etc.)

J: DEVELOPMENT AND TRANSFER ACTIVITIES

(Transfer of research results to the socio-economic world; expertise and consulting activities; contribution to the development of public policies; popularization of research results; etc.))

REQUEST FOR EQUIVALENCE OF FOREIGN DIPLOMAS

If you hold a diploma or a training title issued in a country other than France and you are requesting its equivalence.

In order to enable the ENTPE to decide, please fill in the following document accurately and enclose it with your application form, together with a copy of your diploma in its original language and a translation into French certified by an accredited translator of the sections appearing on the diploma. The department organizing the recruitment will inform you of the decision taken.

Recruitment of Teachers - Researchers of the ENTPE - session 2023

Full name :

Address:

Intended Position Title:

Diploma obtained (exact title - discipline - date - level) :

State of graduation:

Address and status of the organization that issued the diploma (public service, contracted, professional organization) :

Enrollment requirements for this degree:

Course Duration for this degree:

Date

Signature