



**INSTITUT  
POLYTECHNIQUE  
DE PARIS**

## Position:

Chairperson of the Education and Research  
Committee (Provost) of Institut Polytechnique de  
Paris

## Introduction

***Institut Polytechnique de Paris is seeking, as their next Chairperson of the Education and Research Committee (CER) i.e., Provost, a distinguished academic with an established record of achievements in both leadership and research. The position corresponds to the rank of permanent full professor (contrat à durée indéterminée – CDI) combined with a term of office as the CER President, the duration of which is to be agreed upon. It begins on November 1<sup>st</sup> or at a date to be agreed upon based on the constraints of the selected candidate.<sup>1</sup> This document provides further information about the Institut Polytechnique de Paris and the position.***

## Institut Polytechnique de Paris

The Institut Polytechnique de Paris (IP Paris) is a world-class public institution of higher learning and research that brings together five leading engineering schools: École Polytechnique, ENSTA Paris, ENSAE Paris, Télécom Paris and Télécom SudParis. Under the aegis of the institute on the same vibrant campus, these five schools bring together two centuries of expertise to develop world-class training programs and cutting-edge research. Building on the strength of its five founding institutions, the Institut Polytechnique de Paris has established itself as a leading education and research institution in France and internationally.



IP Paris is proud to welcome 8,000 students, including 1000 PhD students, employ 1000 faculty members and host 30 laboratories, many of which are in partnership with renowned national research centers such as the CNRS, INRIA, and CEA.

### **A research-driven state-of-the-art institute of science and technology**

IP Paris' strives to carry out cutting-edge research in close proximity with its academic curriculum thanks to the alliance of expertise of its founding schools. With its clear academic significance and scholarly accomplishment, the institute combines experience, dedication, and breadth of vision which, at the same time, leads to the robust exchange of ideas between the research labs and innovation departments. IP Paris is convinced, along with its partners, that its vibrant campus is a key strategic hub for scientific innovation and growth.

IP Paris' academic evolution has been guided by its five founding schools all of which are recognized for their excellence of in teaching and their student quality and selectivity. At the creation of the institute, a full curriculum at the Masters and PhD level, with a Graduate and Doctoral School, were established. In short, IP Paris is committed to its motto to: "Train

<sup>1</sup> Subject to updated information, which can be found on the Institut Polytechnique de Paris website: <https://www.ip-paris.fr/>

researchers and decision-makers to meet the economic and social challenges of tomorrow” and expand its educational mission of teaching, scholarship, and service.

Beyond research and instructional innovation, IP Paris is also proud to have established solid corporate partners who are a key element of its long-term strategy. This fruitful collaboration succeeds in attracting new stakeholders which, at the same time, supports student projects and budding entrepreneurs.

## The IP Paris Curriculum

Bringing together the five institutions recognized for the excellence of their engineering training and the employability of students, IP Paris has developed an academically robust set of programs ranging from Bachelor’s programs to continuing education; these can be under the IP Paris brand alone or coupled with a member institution.

The research-based training programs are administered and implemented by the Graduate School in close collaboration with the IP Paris teaching and research communities and academic bodies. ED IP Paris offers rich doctoral research training ranging from theoretical to applied research. The Graduate School is composed of doctoral schools (the multidisciplinary ED IP Paris, co-accredited with HEC Paris, and the ED of Mathematics co-accredited with the University of Paris-Saclay), the management of the master's programs and an administrative department.

Following the teaching-research strategy developed in 2019, the various programs are structured around four pillars according to the profiles of the students and the training objectives. At the heart of the Research Center, the training through research track brings together the Bachelor of Science (X / IP Paris), the national Masters, the PhD tracks as well as the doctorate. The aim is to attract excellent French and international students and to offer them innovative programs in close connection with the research center to promote collaborative opportunities within the laboratories and doctoral students. One of our main objectives is to develop our PhD -tracks to highlight the strengths of the research center and support the creation of new disciplinary or interdisciplinary themes.

The engineering offer, the heart of IP Paris, is evolving to better articulate the different cycles, allow mutualization and offer greater international visibility. The attractiveness of engineering cycles on the international scene alongside MscT and PhD -tracks is a major endeavor at this time.

Professional training, composed of the Masters of Science and Technology and Specialized Masters is an important pillar in the development of IP Paris, reflecting its positioning at the confluence between science and technology.

With the best employability in France, IP Paris intends to increase its influence and reputation with employers through this academic pathway by providing students with a robust research and technological specialization.



## The research center of IP Paris

The IP Paris research center (*centre de recherche* - CDR) comprises 30 laboratories, 25 of which are joint research units with the CNRS. The IP Paris CDR works at the frontiers of knowledge and on major interdisciplinary scientific, technological, and societal issues. Strengthening the IP Paris CDR is central to the development strategy of the IP Paris.

Moreover, a world-class Institute of Science and Technology cannot exist without a research center of the corresponding level. Both the quality of education and the extent of innovation depend on the skills generated within it. Such a research center must first and foremost consolidate its research base on the most fundamental aspects of all the fields. From there, development towards the more applied fields is key while carefully selecting them according to the main pathways of the institute as well as the needs of society. This can be done by strengthening our areas of expertise such as mathematics, mechanics, and physics but also by strengthening selected areas such as the human sciences or by launching new ones such as quantum technologies.

The quality of the research center depends first and foremost on the quality of both the teaching and research faculty we as well as the supporting staff. Being an advocate at the human resources level for the faculty and actively participating in the recruitment and development of diverse, promising, and distinguished faculty members, is a key long-term factor. It also assumes the provision or development of state-of-the-art experimental means, in facilities that are suitable for visionary research and laboratories.



The output of an institute such as IP Paris takes the form of publications and communications to all types of audiences. Two indicators are used to measure the quality of the work carried out: bibliometric, which aim to quantify the quantity and quality of the publications, and reputation, which can be challenging to quantify. The list of indicators proposed here aims to consider a robust and coherent set of measurement criteria.

## Partnerships and IP Paris' Strategic Path

Enhancing the strategy of IP Paris requires the detailed and careful consideration of the environment within which it is built. Most of the units within the IP Paris research center are jointly supervised with our partners from the ONRs (Organismes Nationaux de Recherche : CNRS & INRIA) and, as such, it is fundamental to strengthen our partnerships strategically, first with the ONRs, but also with our main partners within the ESR (French Higher Education System) and, in particular, the University of Paris-Saclay. These partnerships will define future strategic growth that we wish to develop together as well as the means and conditions allowing us to move forward together towards common objectives.

One of the main strengths of IP Paris lies in the relationships established with its industrial partners. Today, most are founded around conventions or chairs through many would consider a tailored approach. The strategy of IP Paris is to continue this trajectory of promoting the story of IP Paris' academic and scholarly achievements while coordinating and strengthening business



partnerships through interdisciplinary centers and joint laboratories and garnering philanthropic and grant support for the institute's strategic initiatives.

### **IP Paris contract of objectives and performance - COP 2022-2026**

The major strategic objectives and their operational implementation over the period 2022-2026 as well as the related business model are described in the contract of objectives and performance of IP Paris (COP 2022-2026 – *in French*).



## The Role of the Provost

In close collaboration with the President of Institut Polytechnique de Paris, the provost presides over the IP Paris Education and Research Committee (*Comité d'Enseignement-Recherche - CER*) and thus has a visionary role for defining the academic strategy in all its aspects of research, education, and innovation. As such, the provost is also a member of the IP Paris Executive Committee. As part of their duties, they will oversee the organization and implementation of training programs as well as the development of the IP Paris research center while striving to strengthen the training-research-innovation synergy and foster a compelling intellectual environment. While presiding over the CER the provost will also provide strategic leadership for the institute's national and international accreditation and assessment endeavors as well as foster the promotional and public outreach initiatives of the growing scientific capacity of researchers and students. To carry out these responsibilities, they will rely on the talented CER team.

## Main responsibilities of the Provost

- Define and propose to the Executive Committee the definition and implementation of the scientific policy of IP Paris, in coordination with the Academic Council (Conseil Académique) and with the schools members of the institute and the ONRs;
- Chair over the Education and Research Committee (*Comité d'Enseignement-Recherche - CER*);
- Design and oversee the training programs provided by IP Paris in collaboration with the CER, the departments, the interdisciplinary centers, and the directors of the various establishments;
- Manage the IP Paris Graduate School and award doctoral contracts and IP Paris excellence grants ;
- Design and implement the research policy of IP Paris together with the CER, the research units, their supervisors (tutelles), the departments, the interdisciplinary centers, and the directors of the various establishments;
- Develop and oversee the coordination between the interdisciplinary centers, laboratories and departments of IP Paris, with the aim of developing the IP Paris research center and expanding its prominence and global reach;
- Organize interactions between teaching and laboratories of the IP Paris schools;
- Propose and implement the recruitment policy of faculty members;
- Coordinate IP Paris' responses to public calls for strategic projects in the field of teaching and research and manage the IP Paris Grants' Office;
- Manage partnerships with French and international organizations involved in teaching and research;
- Propose a policy of promoting research results and technology transfer and engage others in its implementation;
- Promote innovation in conjunction with education and research;
- Serve as an ambassador for IP Paris, its programs, and research. As such, act as the convenor of the ISAB (International Scientific Advisory Board);
- Implement the assessment of the scientific activities and the teaching programs of IP Paris with the HCERES;
- Design and implement a long-term development plan for the financing of resources of teaching and research at IP Paris together with the President of IP Paris and members of the Executive Committee.





## Candidate Profile

### Essential skills and experience

- A renowned specialist in their field of expertise;
- A distinguished record of achievement for their ability to develop a strategic vision;
- In-depth knowledge of higher education and research in both France and abroad;
- Visionary management experience in an academic institution;
- Knowledge of various industrial environments;
- Ability to set priorities and plan to achieve them;
- Strong decision-making skills;
- Capacity to motivate and inspire teams to strive continuously for excellence;
- Possess a high degree of autonomy, taking initiative, proactiveness, and availability;
- Superb communication skills;
- Strong listening skills and ability to promote dialogue and team spirit;
- Excellent command of the English and French languages.

### Additional Information

The position is available as a secondment (the assignment from one organisation to another for a specific period of time) or directly, as a public sector contract. It corresponds to the rank of permanent full professor (*contrat à durée indéterminée* – CDI) combined with a term of office as the CER President, the duration of which is to be agreed upon.

The candidate must have earned a PhD and be qualified to supervise research. They must be a renowned specialist in their scientific field and be able to demonstrate a distinguished record of achievement in higher education and research as well as their managerial endeavors.

All our positions are accessible to individuals with disabilities. The Institut Polytechnique de Paris has an ambitious commitment to advancing inclusion, equity, and diversity, particularly in advocating women in higher education and other career pathways.

IP Paris offers a competitive salary.

The position is scheduled to be filled November 1, 2022, or at a date to be agreed upon based on the constraints of the selected candidate. Applications must be submitted no later than September 30, 2022.



<b>DATE POSTED</b>	19/07/2022	<b>IDEAL START DATE</b>	1/11/2022
<b>OCCUPATIONAL CATEGORY</b>	Research/Teaching	<b>CATEGORY</b>	Full Professor
<b>CONTRAT TYPE</b>	CDI (permanent contract) / public employee on secondment	<b>EXPECTED DURATION</b>	Permanent + Duration to be determined up to 4 years

LOCATION	
Host Institution	Other information
<b>Institution name</b>	Institut Polytechnique de Paris
<b>Assignment department</b>	CER
<b>Address</b>	Route de Saclay
<b>City</b>	Palaiseau
<b>Postal code</b>	91120

## Application instructions

To apply, please send a complete CV along with a supporting statement which highlights your experience and skills and how they correspond to the aforementioned job description, as well as the names of at least three references to:

[recrutementRH@ip-paris.fr](mailto:recrutementRH@ip-paris.fr)

Additional information can be requested from:

**Benoit Deveaud, Interim Chairman of the Education and Research Committee (CER):**  
[benoit.deveaud@polytechnique.edu](mailto:benoit.deveaud@polytechnique.edu)