

# Operational Manager Engineer - Nikon Imaging Center (M/F) (F/H)

**HIRING DATE** 18/05/2026 **LOCATION** 75005 PARIS, ÎLE-DE-FRANCE 75005

**SCHOOL** Institut Curie

## WORKING ENVIRONMENT AND CONTEXT

Notre établissement fait partie de l'Université PSL. Située au cœur de Paris, celle-ci fait dialoguer tous les domaines du savoir, de l'innovation et de la création. Classée parmi les 50 premières universités mondiales, elle forme au plus près de la recherche des chercheurs, artistes, ingénieurs, entrepreneurs ou dirigeants conscients de leur responsabilité sociale, individuelle et collective.

### **HOSTING STRUCTURE**

#### **Curie Research Center**

Institut Curie is a major player in cancer research and care. It comprises a hospital and a research center with more than 1,000 staff members and strong international representation.

The objective of the Institut Curie Research Center is to develop fundamental research and leverage the resulting knowledge to improve cancer diagnosis, prognosis, and treatment, within a continuum from basic research to innovation for patient benefit.

# TEACHING MISSION

## Laboratory - Department

The Nikon Imaging Center at Institut Curie (<https://nimce.institut-curie.org/>) is a cutting-edge photonic imaging facility integrated within the PICT (Cell and Tissue Imaging Platform). Established through a strategic partnership between Nikon, CNRS, and Institut Curie, it provides access to advanced microscopy technologies (confocal, super-resolution, fast imaging).

The engineer will be the operational manager of the Nikon Imaging Center in Paris, under the responsibility of the local coordinator of the PICT imaging platform, and in direct interaction with Nikon Healthcare France & Europe teams. He/she will also be responsible for other advanced microscopes within the PICT platform at Institut Curie.

## Responsibilities

- Ensure advanced scientific and technological monitoring in optical microscopy, in partnership with Nikon Healthcare and their application engineers in France and abroad
- Design, select, and adapt photonic microscopy techniques according to users' scientific projects
- Train researchers, students, and collaborators in the use of microscopy systems and ensure technology transfer
- Ensure proper operation of microscopy instruments
- Develop strategies (automated scripts, macros, and potentially programming in various languages) for automated acquisition and quantitative/statistical image analysis
- Master IT tools and dedicated software (strong knowledge of Windows, NIS software, FIJI, and 3D reconstruction software)
- Implement a quality management approach within the platform and ensure metrological monitoring of equipment for ISO 9001:2015 NF X50-900 certification
- Organize follow-up meetings; write reports, procedures, and experimental/study documentation

## Specific Features of the Position

- Use of Class 3B lasers (systems classified as Class 1 in normal operation due to safety measures)
- Possible travel and training sessions abroad
- Possible variability in working hours

Remote work is not well suited to this position

# RESEARCH MISSION

# SKILLS

## Education and Experience

- Desired degree: PhD
- Desired experience: at least 2 years in a photonic imaging facility

## Skills and Competencies

- Biology: applied methodology (advanced knowledge)
- Design of experimental setups (expert level)
- Development of scientific and technological expertise
- English proficiency: B2 to C1 (CEFR)
- Scientific writing (expert level)
- Knowledge of health and safety regulations
- Proficiency in specialized software
- Teamwork skills
- Teaching and training abilities

***All our opportunities are open to candidates with disabilities***

## Contract Information

**Type de contrat :** Fixed-term contract (CDD)

**Start date:** 18/05/2026

**Duration:** 12 months

**Working time:** fixed annual working days

**Salary:** according to current salary scales

**Benefits:** staff restaurant, 70% coverage of annual transport pass, company health insurance

**Location:** Paris

## Contact

To apply, please send your CV and cover letter

Date de parution de l'offre : 24/04/2026

Application deadline: 15/05/2026

**Institut Curie is an inclusive employer committed to equal opportunities.  
It also applies high standards of research integrity**

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## NON DISCRIMINATION, OUVERTURE ET TRANSPARENCE

Notre établissement, comme l'ensemble de l'Université PSL, s'engage à soutenir et promouvoir l'égalité, la diversité et l'inclusion au sein de ses communautés. Nous encourageons les candidatures issues de profils variés, que nous veillerons à sélectionner via un processus de recrutement ouvert et transparent.

## CONTACT

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## OTHER INFORMATION

Recherche principal : **Sciences biologiques** Recherche secondaire : **Biologie**  
Durée du contrat 12 mois

**Experience years**  
1 à 4 années d'expérience (R2) an

**Reference**  
p8k4077bc8

PUBLISHED ON 24/04/2026

## Université PSL (Paris Sciences & Lettres)

