



# International Space Federation

## Senior Experimental Physicist

The International Space Federation (ISF) is a pioneering R&D organization advancing gravity-control propulsion and quantum-vacuum energy for clean, sustainable power. Through global academic partnerships, we aim to revolutionize energy production and transportation while addressing planetary ecological challenges.

Our research programs are fundamentally reshaping our understanding of physics and the technology that emerges from this physics. As we stand at the crossroads where Einstein's relativity and quantum mechanics converge into a unified framework, you'll contribute to the groundbreaking research and development of technology that will shift humanity into a new paradigm.

Join us to turn bold ideas into world-changing technology!

### **Location:**

On-site at our R&D Laboratory near Cluses, France.

### **Job Summary:**

We are hiring a curious, rigorous Senior Experimental Physicist to lead the experimental research across RF devices (RF systems, high-voltage electricity, and electronics, electrical motors and RF coils), and plasma systems (cold plasma generation and high-frequency spinning) for power generation and gravity control applications. This role involves overseeing complex experiments, driving innovation, and conducting interdisciplinary measurements.

### **Key Responsibilities:**

- Design and oversee experimental protocols for RF systems, high-voltage systems, electrical motors, coils, and cold plasma technologies.
- Analyze data from experiments across all three domains



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- Mentor junior physicists and engineers, fostering collaboration between static, motor, and plasma device teams.
- Drive innovation by identifying new experimental techniques and technologies for enhancing device performance.
- Ensure experimental safety and compliance with industry standards across all research areas.
- Collaborate with engineering teams to integrate experimental results into practical applications.

## **Must Have:**

- Ph.D. in Physics
- 7+ years of experience in experimental physics, with demonstrated expertise in RF systems, electromechanical systems, and plasma physics.
- Proven capabilities to work on multidisciplinary research projects.
- Strong analytical skills

## **Nice-to-Have:**

- Experience with high-voltage and high-frequency experimental setups.
- Background in mentoring and developing junior researchers.

## **What We Offer:**

- Competitive salary.
- Comprehensive health insurance covered by the company (employees and children).
- Performance-based bonus structure.
- Flexibility and autonomy in work organization.
- Opportunities for growth and career progression.

## **To Apply:**

Email [careers@spacefed.com](mailto:careers@spacefed.com) with:

1. Your CV (PDF)
2. A brief cover letter explaining why our research excites you and how your expertise can accelerate ISF's mission.
3. (Optional) Up to two representative publications or preprints