



SENIOR RESEARCH SCIENTIST PROGRAM - 2023

ABOUT THE POSITION

The Inria Chile Research Center is seeking highly motivated and experienced **Senior Research Scientists** to join our team at the Communications and Information Research and Innovation Center (CIRIC). The successful candidate will lead and contribute to cutting-edge research projects in computer science, applied mathematics, and related fields, with a focus on advancing scientific knowledge and driving innovation.

A Senior Research Scientist (SRS) is responsible for serving as a project principal and leading or playing a major role in multiple research projects, including planning and carrying out data collection, data analysis, and manuscript writing. An SRS also contributes to a range of other administrative and institutional activities, fosters the institute's collaboration with universities and academic institutions, serves as a project manager, directs the work of mid level and junior staff who are working on the projects she/he leads, and acts as a supervisor for one or more midlevel and/or junior team members.

If you are passionate about pushing the boundaries of computer science research, driving innovation, and contributing to the advancement of technology, we encourage you to apply for this exciting opportunity at Inria Chile.

RESPONSIBILITIES

1. Research Leadership

- Lead research initiatives in the field of computer science, including machine learning, artificial intelligence, data science, and related areas.
- Develop and implement research strategies, methodologies, and experiments to address complex problems.
- Foster interdisciplinary collaboration and mentor junior researchers to promote a culture of excellence.

2. Project Management

- Manage and oversee research projects, including budgeting, timeline management, and resource allocation.
- Collaborate with cross-functional teams to ensure project goals are met.
- Regularly report progress and findings to internal and external stakeholders.

3. Publication, Dissemination, and Outreach

- Publish research findings in top-tier conferences and journals.
- Present research results at conferences, seminars, and workshops.

Inria Chile

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- Contribute to the dissemination of knowledge through open-source projects and public engagement.
- Participate in outreach and dissemination activities.

4. Innovation and Technology Transfer

- Identify opportunities for technology transfer and commercialization of research outcomes.
- Collaborate with industry partners to facilitate knowledge exchange and technology transfer.

5. Continuous Learning

- Stay up-to-date with the latest developments in the field and apply emerging technologies to research projects.
- Seek external funding opportunities to support research activities.

REQUIRED QUALIFICATIONS

- Ph.D. in computer science, mathematics, engineering, statistics or related fields.
- Proven track record of conducting high-impact research, demonstrated through publications and project outcomes.
- Expertise in our focus areas (see for more details <https://www.inria.cl/en/research-innovation>):
 - machine learning, artificial intelligence, computer vision, natural language processing,
 - human-computer interaction,
 - modeling and simulation,
 - internet of things,
 - high-performance/scientific computing, or similar areas.
- Strong programming skills, preferably in languages such as Python, Julia, R or similar.
- Experience with research project management and collaboration with interdisciplinary teams.
- Excellent communication skills, including the ability to convey complex ideas to both technical and non-technical audiences.
- Demonstrated leadership and mentorship capabilities.
- Ability to work in a dynamic, multidisciplinary, and collaborative research environment.

BENEFITS



- Competitive gross monthly salary of **\$3.750.000 Chilean pesos** (approx. **4000 USD**).
- Annual bonus equivalent to one additional month's salary per year.
- Inria Chile employee's benefits package:
 - Supplementary health insurance (*seguro de salud complementario*) covered by Inria Chile.
 - Additional benefits and discounts via our *Caja de Compensación* (see <https://beneficios.losheroes.cl/beneficios/index.xhtml>).
- Access to Inria's state-of-the-art computing facilities and resources.
- Opportunities for professional growth and development in collaboration with Inria researchers in Chile and France.
- Collaborative and inclusive work environment.
- International research collaborations and networking opportunities.

ABOUT INRIA CHILE

Inria, the French digital sciences research institute (<https://inria.fr>), is a leading research institute dedicated to advancing computer science and technology through innovative research and technology transfer. It does so by addressing the challenges of modern computing and applied mathematics, often at the interface of other disciplines, and with applications in health, energy, the environment, and the climate, among others. Inria works with many world-class academic partners, and companies, and has helped in the creation of more than 160 start-ups.

The Inria Chile Research Center (<https://inria.cl>) was founded in 2012 and is the only center of Inria outside France. Inria Chile works closely with Chilean academics and companies to address the challenges of the Chilean digital transformation of science, society, and the economy.

WHY WORK IN INRIA CHILE?

We are an organization that promotes constant learning. Everything we do is innovative and it's because we are learning every day. At Inria Chile, you can participate in our Science Days as well as the courses at our Tech Training Center, in which world-class experts and a wide variety of guest speakers participate. We have a strong commitment to continuous personal training. Inria Chile is the place where you will have the opportunity to continue learning with your coworkers.

We value diversity. We believe in diversity as a driver of innovation and that is why we seek to hire, support, and promote people of all genders, nationalities, ethnicities, and all levels of experience, regardless of their age. We especially encourage applications from women, people of color, members of the LGBTQA+ community, gender non-binary people, and people with disabilities.



We value inclusion. We know the value that people's individual experiences and perspectives can bring to an organization. At Inria Chile, we are building a culture in which all voices are heard, respected, and considered.

We emphasize a healthy work-life balance. We believe our team members are happier and more productive when there is an optimal work-life balance. While we value the powerful results that drive our mission, we also value family dinners, weekends, and vacation days. We have excellent vacation and health benefits.

We are collaborative and transparent. We are a solid team, we all move with a common purpose. We are quick to cheer on our successes, and even share and solve our problems together.

We are friendly. You are likely to feel comfortable with each of the people who work here. We care about building and promoting a positive, respectful, and motivating work environment, which is born from, for, and with each of our collaborators.

Inria Chile is proud to be a full equal opportunity employer. We do not discriminate on the basis of race, religion, color, national origin, sex (including pregnancy, childbirth, or related medical conditions), sexual orientation, gender, gender identity, gender expression, transgender, sexual stereotypes, age, disability, or other legally protected characteristics.

HOW TO APPLY

Interested candidates should submit the following documents to oportunidades@inria.cl indicating the Senior Research Scientist position in the title.

- : → Updated CV with a full list of publications, with three main publications highlighted.
- : → Research statement (2 pages max.) outlining your research interests and relevant experience and describing research goals and plans for the next three years.
- : → Contact information for at least three professional references.

Application deadline : Positions will be open until filled.

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