

GET A PHD ABROAD



FAQ

- What do I do now that I finished my Master?
- How much in advance I have to look for positions?
- How to find a host institution abroad or a contact person?

GET A PHD ABROAD

with



GET A PHD ABROAD

with



1.- Becas Chile:

- What do I need to apply?
- What do I get?
- Some things to consider

2.- PhD Abroad:

- My personal experience

1.- **Becas Chile:** What do I need to apply?

Forms & Documents (a lot):

Applications Open on Mid-February (~1.5 months)

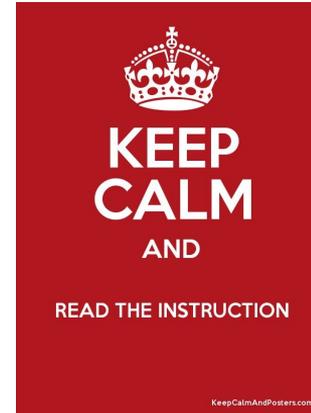
- Application Forms and CV*
- PhD Offer Letter*
- Academic Certificate
- Academic Transcript
- Ranking Certificate
- Language Certificate*
- Two Recommendation Letters
- You need to be Chilean or be a permanent resident of Chile



1.- Becas Chile: What do I need to apply?

Criteria (2020):

CRITERIOS DE EVALUACIÓN Y PONDERACIÓN	SUBCRITERIO	ESTADO PARAMETRIZACIÓN	PONDERACIÓN
Antecedentes académicos y/o trayectoria y/o experiencia laboral del/de la postulante (60%)	Antecedentes académicos de pregrado	Parametrizado	35%
	Actividades de docencia e investigación y antecedentes de postgrados	No parametrizado	15%
	Cartas de Recomendación	No parametrizado	10%
Objetivos de estudio en que el/la candidato/a funda su postulación (20%)	Objetivo de estudio	No parametrizado	10%
	Declaración de intereses	No parametrizado	5%
	Retribución del postulante al país	No parametrizado	5%
Nivel, Calidad y Trayectoria de la institución educacional extranjera de destino, como de los programas específicos de estudios (20%)	Nivel, Calidad y Trayectoria de la institución educacional extranjera de destino, como de los programas específicos de estudios	Parametrizado	20%



Money & Benefits:

- Return tickets
- Tuition fees
- Moving (in and out)
- Maintenance (+spouse +child)*
- Book and materials (per year)
- Visa
- Insurance*
- Extension during maternity*
- Language course





You should know that:

~56.3% of the total applications receive the scholarship

~68.0% of the admissible applications receive the scholarship

AÑO CONCURSO	2016	2017	2018	2019	2020
POSTULACIONES TOTALES	683	647	683	586	592
POSTULACIONES ADMISIBLES	530	486	592	516	512
POSTULACIONES SELECCIONADAS	360	360	359	360	351
PUNTAJE DE CORTE	4,139	3,851	4,104	3,986	4,012

You should know that:



- You will have to return to Chile within 4 years after completing your PhD (retribution). Otherwise, you will have to pay EVERYTHING back.
- The duration of your retribution in Chile will depend on the duration of your PhD and where you choose to live/work (double the time in RM).
- You will have problems with your PhD scholarship if you have not finished/closed your previous MSc scholarship. I.e., you will not be paid.
- Nah, it's not a trap. But you really have to consider these conditions as IT WILL IMPACT YOUR LIFE AND CAREER.

2.- PhD Abroad: My personal experience

Australian National University

An aerial photograph of the Australian National University campus in Canberra, Australia. The image shows a dense cluster of modern university buildings with blue and grey roofs, interspersed with green trees. In the background, a large hill with a tall, thin tower (the Telstra Tower) is visible against a clear blue sky. The text 'Australian National University' is overlaid in large, white, bold letters on the left side of the image. A white arrow points from the bottom of the text towards a specific building in the campus.

(In Canberra, the capital of Australia)

2.- PhD Abroad: My personal experience



Sesto, Italy

Standard applications

Standard applications - Where do I look?

- Job register: <https://jobregister.aas.org/>

The image is a collage of three overlapping screenshots from job application websites. The top-left screenshot shows the 'AAS Job Register' website with a search bar and navigation icons. The middle-left screenshot shows 'StudyPortals PhDs' with a search bar and a list of disciplines including 'Natural Sciences & Mathematics' and 'Astronomy & Space Sciences'. The right-side screenshot shows a 'Job Market' search interface with filters for 'Faculty/Tenure track', 'Visiting Scientist', 'Postdoc/Fellowship', 'Other', 'PhD', 'Lecturer', 'Engineering', and 'Management'. It also shows a search term 'Astrophysics' and a list of results including 'Scientific Programmer' and 'Cosmology and General Relativity'.

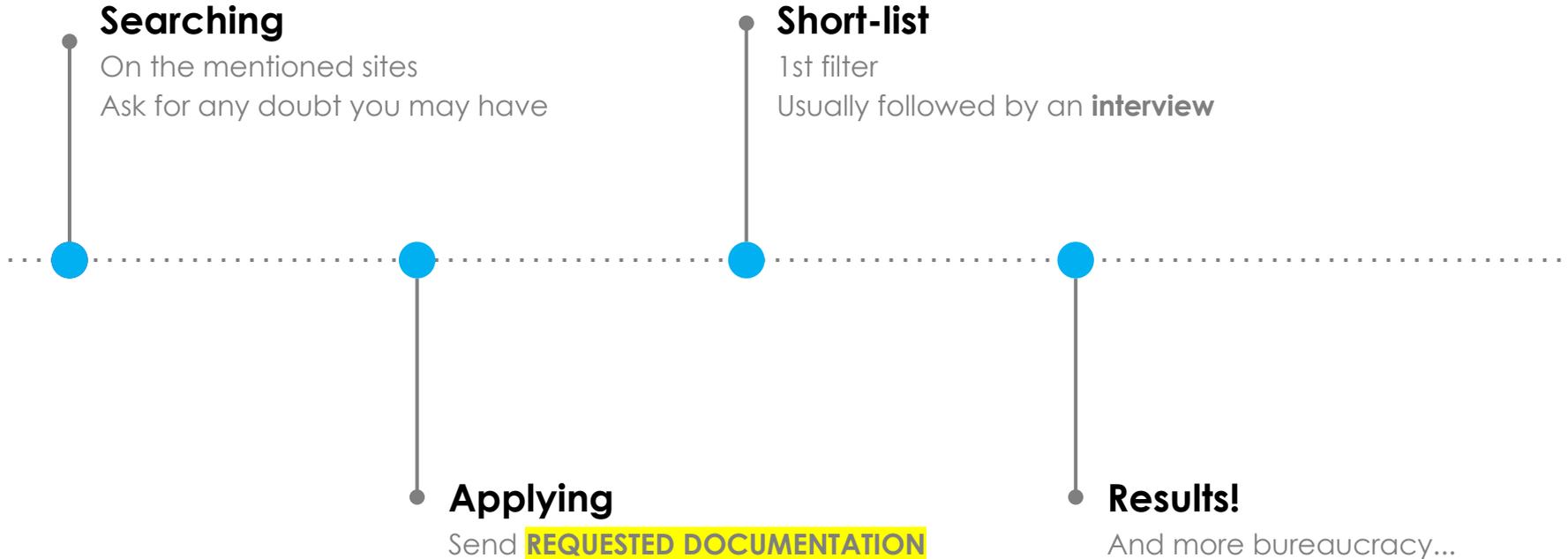
Other dedicated sites:

- <https://www.nature.com/naturecareers>
- <https://eas.unige.ch/jobs.jsp>
- <https://www.phdportal.com/search/phd>
- https://www.benty-fields.com/job_market

Your institution mailing list:

E.g.: informaciones@astro-udec.cl

Standard applications - Typical process



Standard applications - Important information

A typical announcement of a position has:

1. DEADLINE

2. Summary

- Institution
- Supervisor(s)

3. Contact information

- Mail for **APPLICATION**
- Mail for inquiries

4. Main announcement text

- Details of the thesis
- **Eligibility**
- Details on **SALARY** and **BENEFITS**

Standard applications - Common documents

Send them weeks before the deadline!

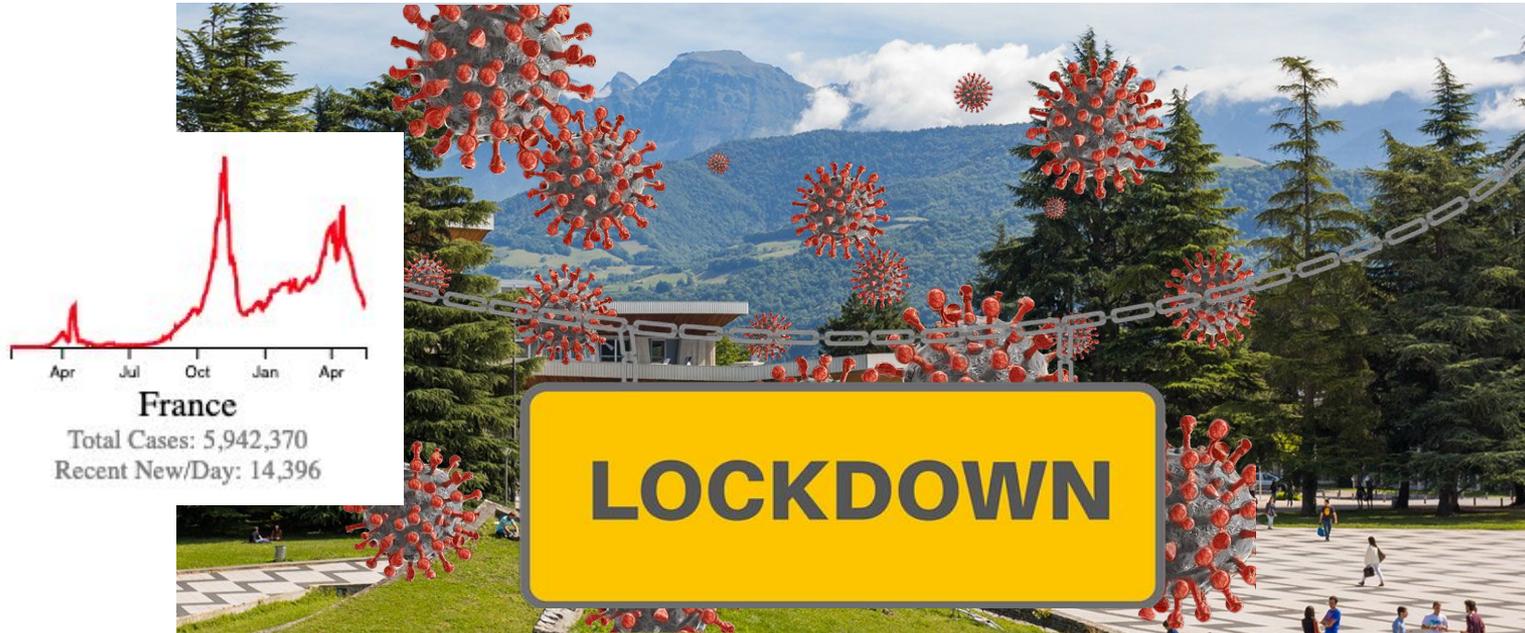
- Cover letter (letter of interest)
- Curriculum vitae
- **RECOMMENDATION LETTER(S)**
- College diploma
- University grades transcript



Bachelor's and/or Master's

Personal experience

IPAG (Université Grenoble Alpes)



Personal experience

- **The program lasts 3 years.** Mobility at 1.5 years to MPE, then returning to IPAG.
- One main supervisor, and 2 co-supervisors which help on different parts/subjects of the thesis. Weekly meetings with the main supervisor, bi-weekly with the others.
- **Apart from your thesis, you have to:**
 - Take different courses, which are divided in different types.
 - Assist and present on the yearly project's schools.
 - Attend to schools and give talks in conferences. There will be full support for them.

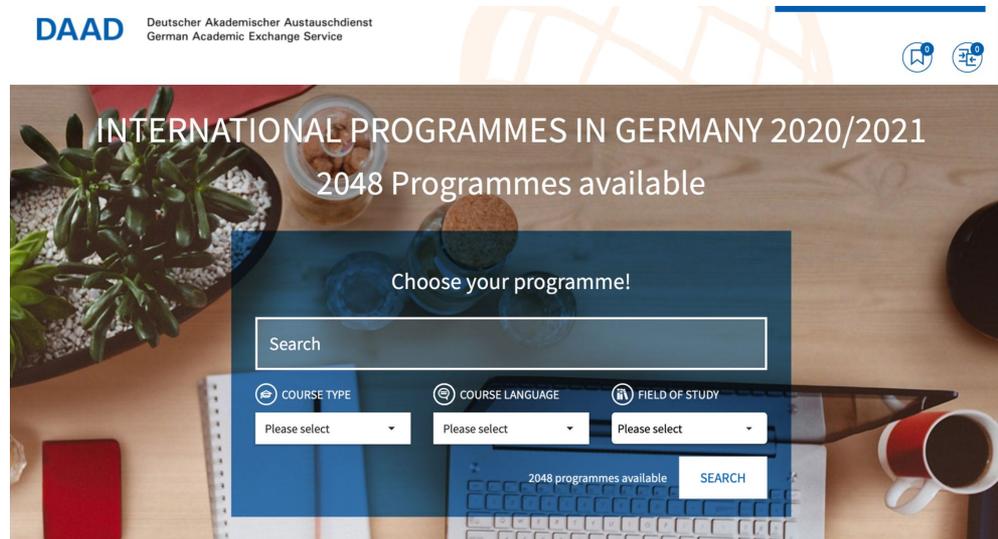


DAAD

German Academic Exchange Service

DAAD - Where do I look?

- Individual projects supervised by a university teacher or academic adviser in Germany
- Structured doctoral study programme in Germany
<https://www2.daad.de/deutschland/studienangebote/international-programmes/en/>



DAAD Deutscher Akademischer Austauschdienst
German Academic Exchange Service

INTERNATIONAL PROGRAMMES IN GERMANY 2020/2021
2048 Programmes available

Choose your programme!

Search

COURSE TYPE Please select

COURSE LANGUAGE Please select

FIELD OF STUDY Please select

2048 programmes available SEARCH

The screenshot shows a search interface on a wooden desk background. At the top left is the DAAD logo and name. Below it, the text 'INTERNATIONAL PROGRAMMES IN GERMANY 2020/2021' and '2048 Programmes available' is displayed. A central blue box contains the heading 'Choose your programme!' and a search bar. Below the search bar are three dropdown menus for 'COURSE TYPE', 'COURSE LANGUAGE', and 'FIELD OF STUDY', each with 'Please select' as the current option. At the bottom of the blue box, it says '2048 programmes available' and a 'SEARCH' button. In the top right corner of the page, there are two small circular icons. In the bottom right corner of the image, there is a cartoon illustration of a brown bear holding a white object.

Beca DAAD/Becas Chile vs Beca DAAD



	DAAD/Becas Chile	DAAD
Purpose	Begin doctoral studies	Begin/continue doctoral studies
Grants per year	~20	~6
Nationality	Only Chilean citizenship	Chileans or foreigners residing in Chile
Requirements	Master's degree, Diploma or Bachelor's degree Being accepted as a doctoral student Proof of your language level (english, french or german) Academic excellence	Master's degree, Diploma or Bachelor's degree Being accepted as a doctoral student
Type of PhD	Individual project or structured program	Individual project or structured program

Beca DAAD/Becas Chile vs Beca DAAD

	DAAD/Becas Chile	DAAD
Acceptance/invitation letter	Conditional if the condition refers to language level improvement, funding or obtaining a master's degree.	
Language course	Only if the letter is conditional to language level improvement. It can be an English, German or French course.	German language course always. 2, 4, or 6 month before the start of the study visit.
Benefits	<p>Costs for outward and return travel</p> <p>Monthly scholarship payments</p> <p>Monthly allowance for accompanying spouse and children</p> <p>Initial allowance for the start in Germany and return to Chile</p> <p>Medical Insurance</p>	<p>Travel allowance</p> <p>Monthly scholarship payments</p> <p>Monthly allowance for accompanying family members</p> <p>German language course and fees for TestDaF</p> <p>Medical Insurance</p>



Selection criteria

Academic Qualification (university degrees, list of publications)

- Academic achievements and duration of studies

Quality of the research project (proposal, time plan, references)

- Quality of the proposal and previous work
- Originality and relevance of the project
- Reasons for choosing Germany and host institution
- Feasibility and consistency of work schedule and time plan
- Importance of the research project and stay in Germany for academic and professional plans

Additional criteria (CV, certificates)

- Additional knowledge and skills
- Political, social, cultural, family, social commitment



Timeline



Online talk series: Do your research in Germany

<https://www.research-in-germany.org/en.html>



Events - Online talk: Doctorate Opportunities in Germany

Event details:

“Doctorate Opportunities in Germany“

How to find a supervisor, write a proposal, find funding opportunities.

Tuesday, 8 June 2021, 2:00 pm – 3:00 pm (CEST)

Hosted by: Anne Knab, German Academic Exchange Service (DAAD)

Requires registration!



Personal experience

Language course in Berlin



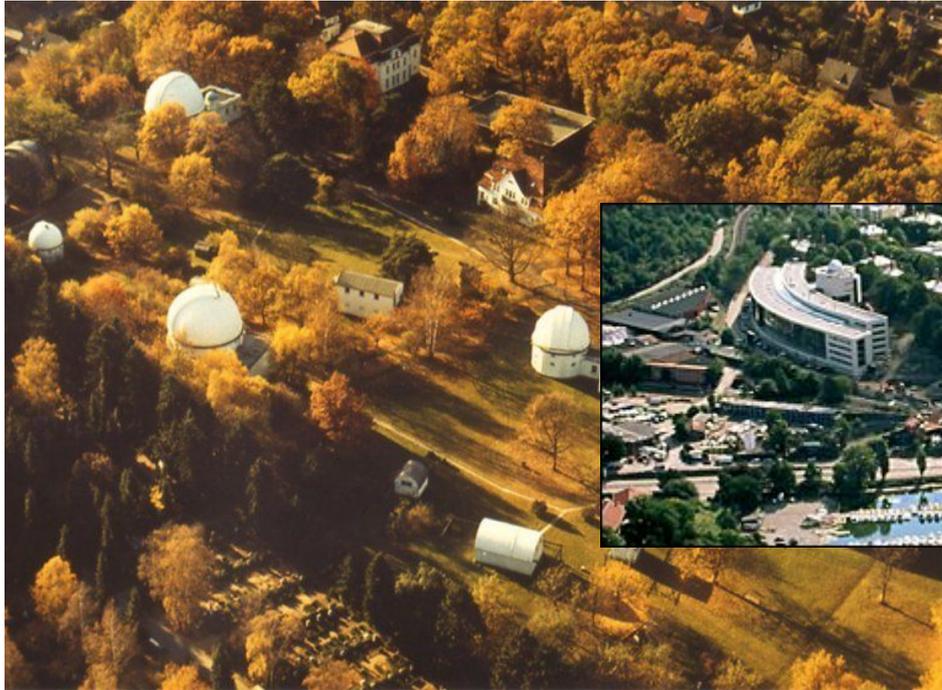
Very international and
culturally mixed



Personal experience

Hamburg Observatory (University of Hamburg)

- Independent(-ish) PhD



**Conference/Workshop at NORDITA in
March 2020**



IMPRS

International Max-Planck Research School

- IMPRS offer several PhD programs in all areas of astrophysics.
- Projects are offered by 4 different institutions:
 1. Max-Planck-Institute for Extra. Physics (MPE).
 2. Max-Planck-Institute for Astrophysics (MPA).
 3. European Southern Observatory (ESO).
 4. Observatory of the University of Munich (USM).
- You can apply to as many projects as you want !

Want a PhD in Astrophysics?

We are one of the largest astrophysical research centers in Europe, covering every subject from planets, stars and galaxies to cosmology and telescope development.

Access to the world's largest telescopes and a stimulating scientific environment provides students with ideal conditions for their PhD research.

Successful applicants will be funded for their PhD studies!

Application due date is every November 1st

IMPRS

International Max-Planck Research School
on Astrophysics at the University of Munich

IMPRS on Astrophysics
Garching | Munich
Germany

www.imprs-astro.mpg.de



Design by U. Bauer
© MPE Garching

Max Planck for Extraterrestrial Physics



**November 1st
2021**

Application Deadline

The application portal opens 3 months before deadline. All documents must be sent by email to office@imprs-astro.mpg.de

**January 3rd
2022**

Invitation to the interviews

Soon after New Year's eve they will notify you whether you have been shortlisted or not. **In non-corona times, this means a 3-day full-paid trip to Munich. So, apply!**

**February 25-27
2022**

Recruitment Workshop

3-day workshop where all applicants (~40-50) give a talk about their last project and schedule all the interviews they want. **You are responsible for organizing them!**

**September 1st
2022**

Start of the PhD

Congratulations!
You should now get ready to start your new life in Germany. All moving costs will be fully reimbursed.

Benefits

IMPRS offers a working contract.

This means, full salary, health and social insurance and 30 days of vacation per year.

MPE + MPA	ESO	LMU / USM
E13 (65%) contract	Fellowship	E13 (65%) or E 13 (75%) contract
1 st yr about 1.775 € / month after taxes (depends on German tax class)	1 st yr about 1.774 € / month	1 st yr about 1.684 € – 1.826 € / month after taxes (depends on German tax class)
2 nd / 3 rd yr about 1.858 € / month	2 nd / 3 rd yr about 1.997 € / month	2 nd / 3 rd yr about 1.798 € – 1.988 € / month
Health insurance included	4,34 % of fellowship to be paid for health insurance	Health insurance included
Tax relief for married students	Household allowance 201,87 € per month	Tax relief for married students
Statutory child allowance 194,00 € per month / child	Child allowance 302,82 € per month	Statutory child allowance 194,00 € per month / child
Yearly income: 1 st year about 22.365 € net (about 32.733 € gross)	Yearly income: 1 st year about 21.288 € net	Yearly income: 1 st year about 20.214 - 22.658 € net (~ 31.175 - 34.425 € gross)
2 nd and 3 rd year about 23.410 € net (about 35.910 € gross)	2 nd and 3 rd 23.752 € net	2 nd and 3 rd year about 21.572 - 24.664 € net (~ 33.816 - 24.210 € gross)

Salary

Almost ~40-50% will go for accommodation

20-30% for beer.
Beer is crazy cheap and good here

Still good enough to live in Munich

Health insurance is mandatory in Germany

All info can be found in the IMPRS Student Handbook:

https://www.imprs-astro.mpg.de/sites/default/files/2020_handbook_ws_0.pdf

How's the PhD like? <https://www.imprs-astro.mpg.de>

- **The program lasts 3 years**, with possibility of extension (~6 months).
- You will have a professor as the head of the project and a postdoc who's gonna supervise you on a regular basis.
- You will have official meetings with the thesis committee every 6 months.
- **Apart from your thesis, you will have to:**

Take 1 semester course on essentials of astrophysics. It has a final exam.

Take 7 advanced courses (1 week each). They have no exam.

Give 2 talks in the Student's Symposium. This is for you to get feedback from seniors on how to give good talks.

Attend to schools and give talks in conferences. There will be full support for them.

I was accepted! What now...?



- Visa and (long-term) residence permit
- Traveling during a pandemic
- Health insurance
- Renting a place to live
- Institutional procedures

If you were too distracted,

Remember this:

- ALWAYS read the instructions (2 or 3 times is better), and follow them
- Do not assume that the readers of your application know your field
- Triple-check everything
- Consider the time for your Visa and PhD applications
- You will live in that country, so you better like it!
- **KNOW YOUR SUPERVISOR and ASK FOR REFERENCES**
- Go to as many conferences as you can and know the people behind the papers! -- I.e., Travel a lot!
- And the most important, **Enjoy your PhD** :D

Useful information:

ANID:

<https://www.anid.cl/concursos/concurso/?id=284>

https://s3.amazonaws.com/documentos.anid.cl/BecasChile/2020/DoctoradoExtranjero/Infografia-Do-c-BCH-2020_1.pdf

<https://ayuda.anid.cl/hc/es/categories/360001229691-BECAS>

https://s3.amazonaws.com/documentos.anid.cl/BecasChile/2020/Manual-SPL-6-postulacion-becas-chile_2020.pdf

PhD:

<https://www.nature.com/naturecareers>

<https://eas.unige.ch/jobs.jsp>

<https://jobregister.aas.org/>

<https://www.phdportal.com/search/phd>

International conferences:

<http://www.cadc-ccda.hia-ihp.nrc-cnrc.gc.ca/en/meetings/index.html>

Useful information:

DAAD:

<https://www.daad.cl/es/programas-de-becas/becas-doctorado-e-investigacion/>

<https://www.daad.cl/es/online/>

<https://www.daad.cl/es/buscador-de-carreras/>

<https://www.daad.de/en/coronavirus/>

DAAD/Becas Chile:

<https://www.conicyt.cl/becasconicyt/category/fichas-concursos/becas-en-el-extranjero/becas-de-postgrado-becas-chile/becas-de-doctorado-conicyt-daad/>

https://s3.amazonaws.com/documentos.anid.cl/BecasChile/2020/daad/Bases_DoctoradoDAAD-ANID2020.pdf

IMPRS:

<https://www.imprs-astro.mpg.de>