

What's next?

You are a Bachelor or a Master's student in Physics thinking about

- An Internship
- Summer School
- Graduate studies
- Further Training
- A Career



What makes you special as a Physics student

- Physics train you to solve complicated problems
- Problems of all kinds
 - Industry & engineering
 - Problem solving
 - Technology
 - Handling huge data
 - Data Science and AI
 - Social challenges
 - Teaching
 - Management

Explore!!!

- Use Google / Ecosia ☺
- Contact us or your professors
- Look for opportunities
 - Internships
 - Summer schools
 - Volunteering in your university
 - Scholarships/ Fellowships ...
 - MSc and PHD
 - Look one year before! Applications are done early!

Opportunities at CERN

- **CERN Summer student program**
 - <https://jobs.web.cern.ch/join-us/studentships-summer-non-member-state-nationals>
 - Physicists, engineers, computing students
 - For just before or during Masters
 - 2-3 months lectures + short research project
- **CERN Technical student program**
 - <https://jobs.web.cern.ch/join-us/technical-student-programme>
 - Engineering, IT, or applied physics
 - Practical training, final project
 - 4-12 months
- **CERN OPENLAB student program**
 - <http://openlab.web.cern.ch>
 - Practical training, special series of lectures, visits and project
 - 8 weeks in summer

Opportunities at DESY/ PI

- DESY Summer School: 21 July – 10 September 2026
- <https://summerstudents.desy.de/>
- (deadline 31st Jan)
- Perimeter institute Summer program, opens in November, closing date ~ January
- <https://perimeterinstitute.ca/training/undergraduate-program>

ICTP diploma

- Diploma Programme (**1 year**), followed by 3 months-project
- Deadline: **January – start application well in advance.**
- Four specialized fields
 - Condensed matter physics
 - High energy physics
 - Mathematics
 - Earth System physics
- Master students and excellent undergraduates are eligible!

Career Opportunity inside Thailand

- Centre for Theoretical Physics and Natural Philosophy, Mahidol University. (PhD starting from master and bachelor)
- The Institute for Fundamental Study (IF) (Master and PhD)
- Other Universities : Chulalongkorn University, Chiang Mai University, Phayao university etc
- National Astronomical Research Institute of Thailand (NARIT) (Offer scholarship for the co-supervised students)
- IPST — Institute for the Promotion of Teaching Science and Technology
- NANOTEC — National Nanotechnology Center
- SLRI — Synchrotron Light Research Institute, Nakhon Ratchasima
- NECTEC — National Electronics and Computer Technology Center

Career Opportunity around Thailand

- International Centre for Theoretical Sciences (ICTS – TIFR), India
- Asia Pacific Center for Theoretical Physics (APCTP), South Korea
- Yukawa Institute for Theoretical Physics (YITP), Japan

PhD

Find a PhD: <https://www.findaphd.com/>:

University of Sussex!

<https://www.sussex.ac.uk/study/phd/degrees/physics-phd>

BEST for our fields:

HEP and Cosmology on Inspire

[https://inspirehep.net/jobs?sort=mostrecent&size=25&page=1
&status=open&rank=PHD](https://inspirehep.net/jobs?sort=mostrecent&size=25&page=1&status=open&rank=PHD)

Applying

- Get a professional email address myname@gmail.com
- Find out if you need English exams (specially for the UK, US)
- Ask people around you (supervisors older students ...)
- Work on your CV
 - Participate in workshops and conferences
 - State any training you have done even if it 's not physics related
 - Include this workshop for example! Mention it properly (ICTP PWF Workshop on...)
 - Programming and computing skills
 - Volunteering
- Reference letters
 - When working with people ... always think that you'll need to ask them for a reference letter one day
 - They must be official, in sealed envelops and directed to the place you are applying
- Transcripts
 - Make sure you provide originals with officially translated ones

Applying

- Speak to your professors to help you with further study and opportunities
- You can contact us for support and mentoring
 - Kate Shaw: kshaw@ictp.it pwf@ictp.it
 - Nandan: nandan.roy@mahidol.ac.th
 - Chonticha: chonticha.kr@up.ac.th

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