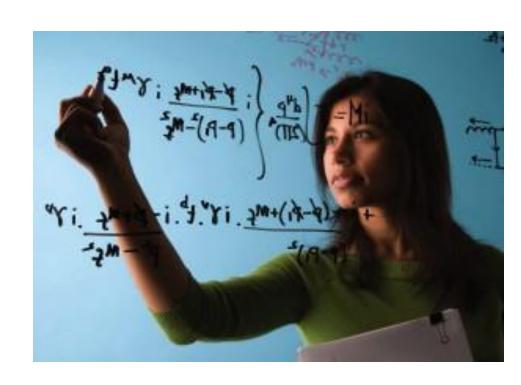


#### What's next?

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 Al
  - 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 31<sup>st</sup> Jan)
- Perimeter institute Summer program, opens in November, closing date ~ January
- https://perimeterinstitute.ca/training/undergraduateprogram

### ICTP diploma

- Diploma Programme (1 year), followed by 3 monthsproject
- 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: <a href="https://www.findaphd.com/">https://www.findaphd.com/</a>:

**University of Sussex!** 

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

#### **BEST for our fields:**

HEP and Cosmology on Inspire

# **Applying**

- Get a professional email address <u>myname@gmail.com</u>
- 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: <u>kshaw@ictp.it</u> <u>pwf@ictp.it</u>
  - Nandan: nandan.roy@mahidol.ac.th
  - Chonticha: <u>chonticha.kr@up.ac.th</u>

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