

# The Abdus Salam ICTP and Higher Study Opportunities

*Pham Thanh Son*

*sonpt.ms@gmail.com*

# About me

- Talented Engineer Program in *Applied Mathematics and Informatics* 2008 – 2013 (K53)
- Took part in a geophysical seminar at CIID, VAST
- Interested in Computational Science
- Thesis: *Simulating the seismic wave equation and boundary conditions*
- Diploma student in *Earth System Physics* 2014 – 2015
- Ongoing PhD: *Research School of Earth Sciences*, The Australian National University

# The *Abdus Salam* International Centre for Theoretical Physics

- Research and education centre in *Mathematics* and *Theoretical Physics* of UNESCO, IAEA, Italy Government
- Promoting Science in the developing world
- Established in 1964
- Nobel Laureate Abdus Salam
- Trieste, Italy



The Abdus Salam

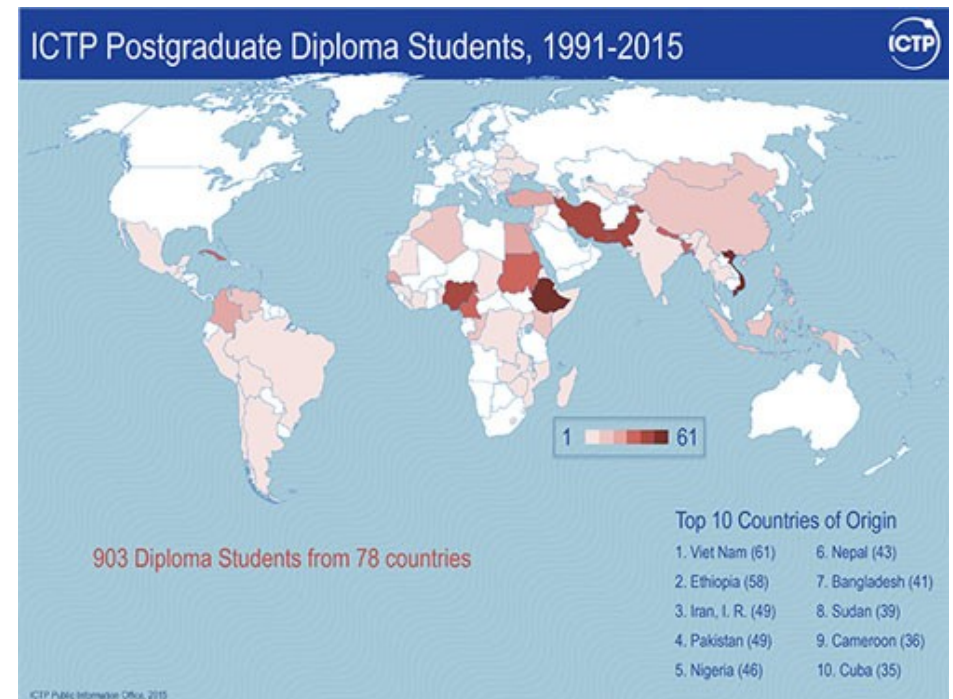
**International Centre  
for Theoretical Physics**

# ICTP Higher study opportunities

- **Postgraduate Diploma Program**
- **Master in High Performance Computing**
- others degree in physics ...
- PhD positions
- Postdoctoral positions
- Visiting as participants of conferences, short schools

# ICTP Postgraduate Diploma Program

- Pre PhD program since 1991
- Fields (instructed in English):
  - High Energy Physics
  - Condensed Matter Physics
  - **Mathematics**
  - **Earth Science Physics**
- Require a MSc or an exceptionally good BSc
- 10 scholarships per field (~800eu/month)
- Apply online **31/01/2016**
- *No IELTS/TOEFL required*
- **Diploma program website**



Source: Top 10 reasons

# Why ICTP Diploma?

- *Preparing for a scientific career* (most students have gotten a PhD)
- *Meeting scholars worldwide*
- Not just scholarship but *everything you need*
- ...

## Sample destinations of ICTP Diploma Students

University	Country	University	Country
Perimeter Institute	Canada	ETH Zürich	Switzerland
Ecole Polytechnique Paris	France	King's College London	UK
Pierre and Marie Curie University	France	University of Edinburgh	UK
Max Planck Institute	Germany	University of Houston	USA
Università La Sapienza	Italy	University of Rochester	USA

Source: ICTP top 10 reasons

# Master in High Performance Computing

- Master degree (2 yrs)
- Appropriate BSc
- *Full scholarships* for students from developing countries
- Apply online (March – May)
- *No TOELF/IELTS required*
- **MHPC website**



Question & Answer

Thanks!