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EDUCATION

2002 - 2006 **B.Sc. degree in Physics** (Department of Nuclear Physics, HCMUS, Vietnam)

Investigating the efficiency curves of HPGe detector using MCNP code

2007 - 2010 **M.Sc. degree in Physics** (Department of Nuclear Physics, HCMUS, Vietnam)

Muon polarimeter magnetic field mapping of the frontier T-violation experiment

2011 - 2016 **Ph.D. degree in Physics** (University of Freiburg, Germany)

Search for the neutral Higgs bosons in $H \rightarrow WW \rightarrow l\nu l\nu$ decay with the ATLAS experiment

SKILLS



BASICS

Particle Physics, Statistics,
Hardware,...



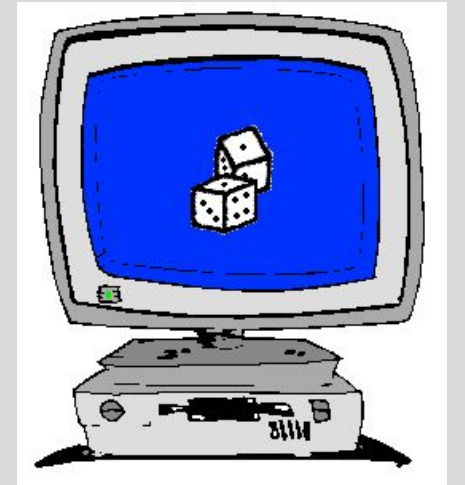
PROGRAMMING

C++, Shell, Python,
Matlab,...



TOOLS

ROOT, Emacs, SVN,...



SIMULATION

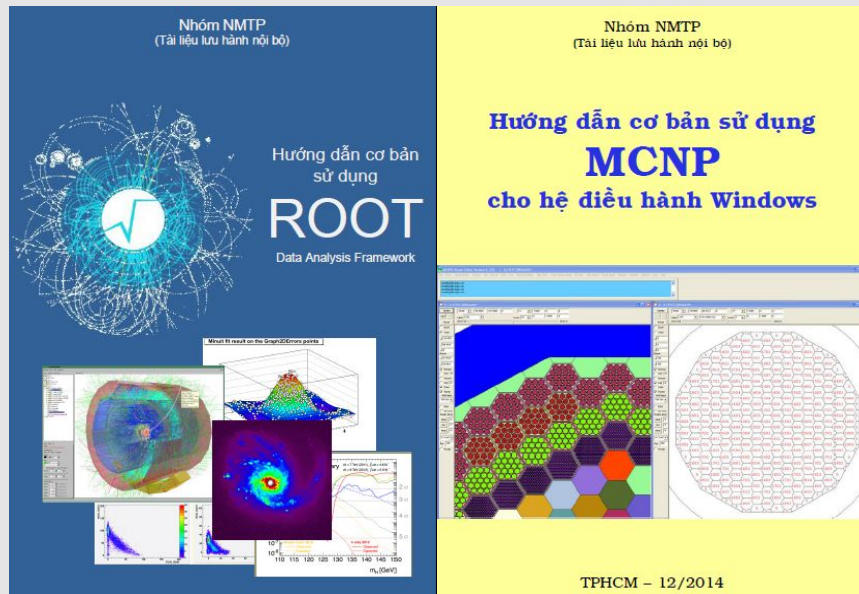
MCNP, GEANT4

EXPERIENCES

NMTP Group

<https://sites.google.com/site/nmtpgroup>

(HCMUS, 2005 - 2010)



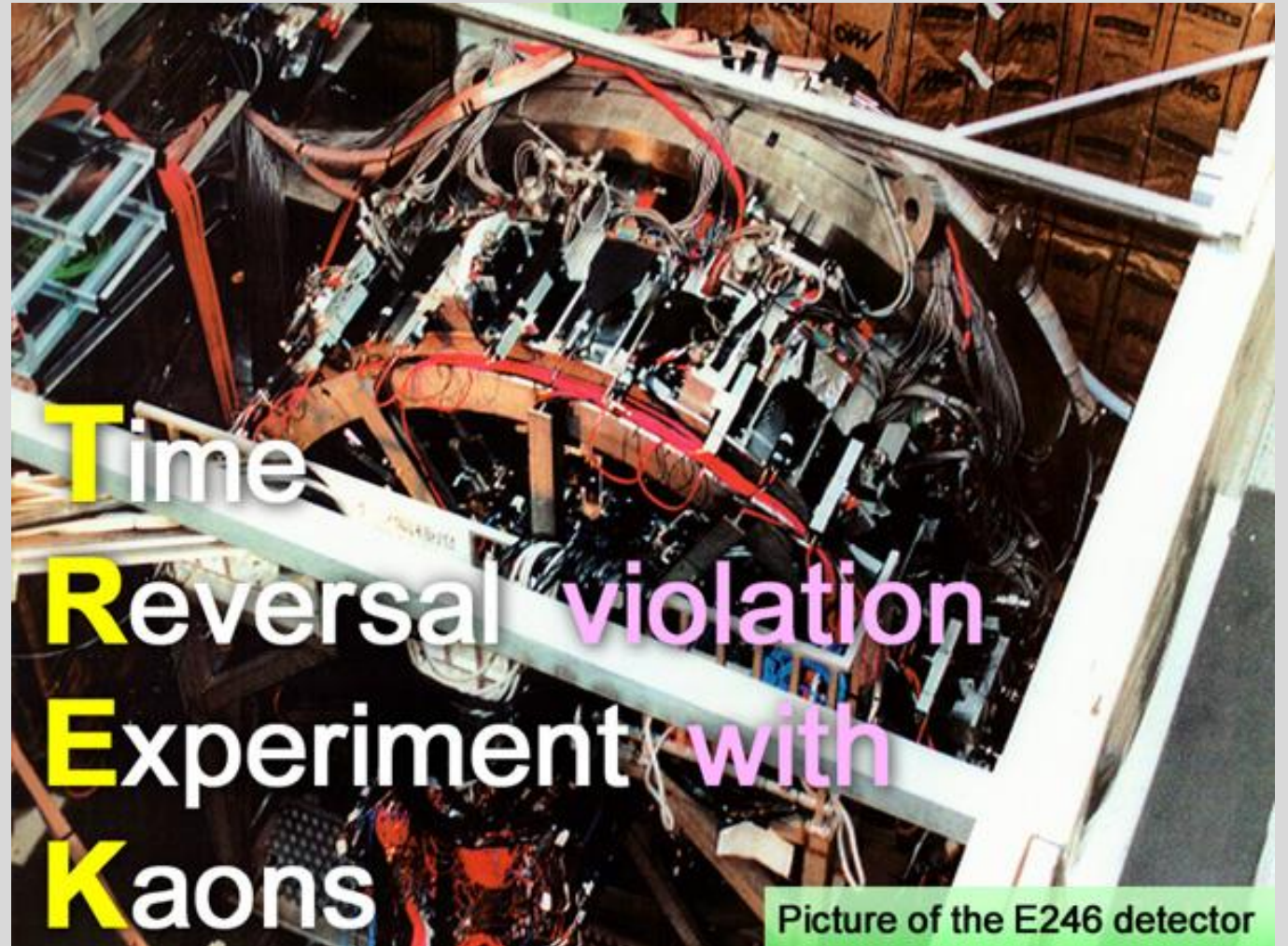
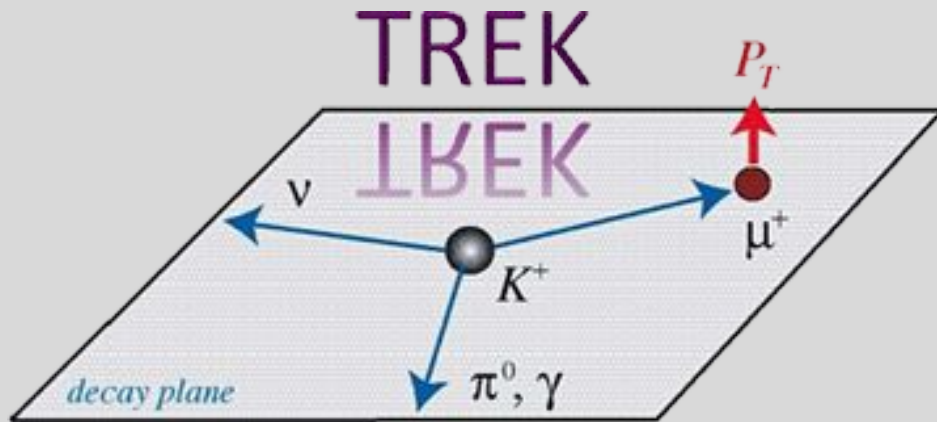
- Gamma spectroscopy
- Neutron activation analysis
- Medical imaging and dosimetry
- Monte Carlo simulation

EXPERIENCES

TREK Experiment

<http://trek.kek.jp/trek.html>

(KEK, 2009 - 2010)

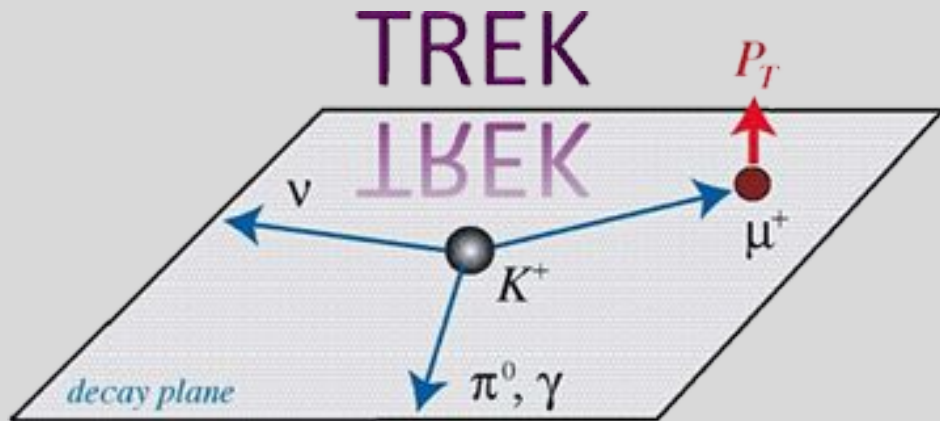


EXPERIENCES

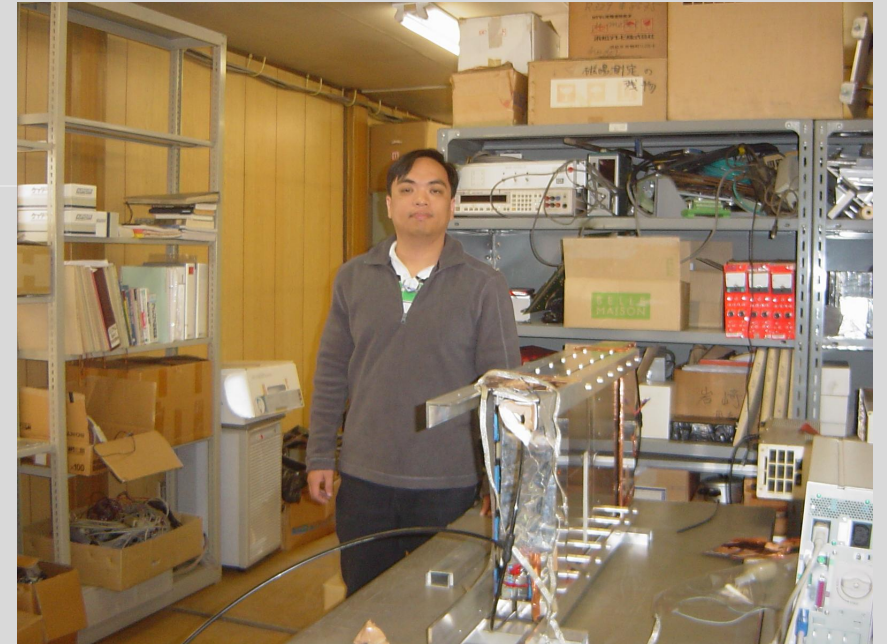
TREK Experiment

<http://trek.kek.jp/trek.html>

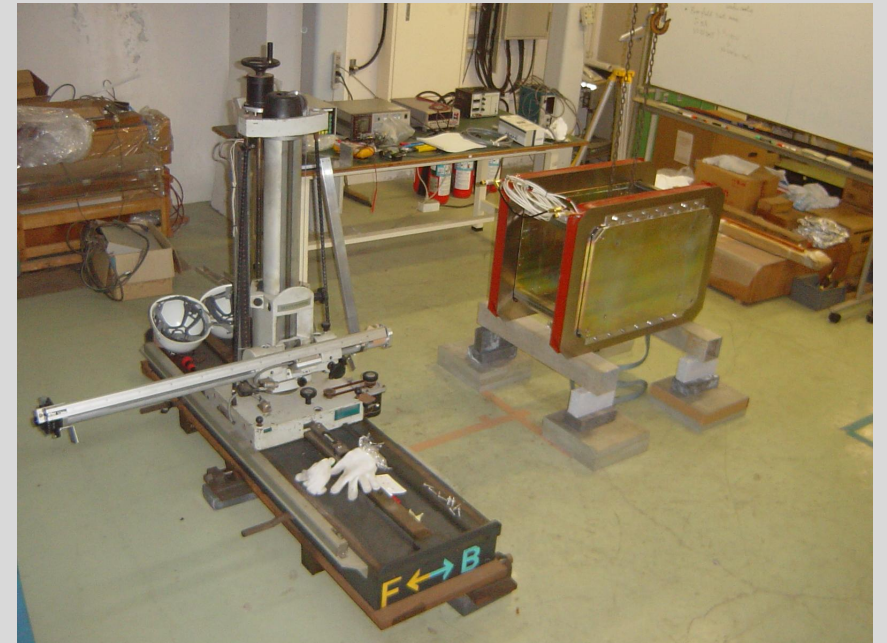
(KEK, 2009 - 2010)



Multiwire chamber



Toroidal magnet



EXPERIENCES

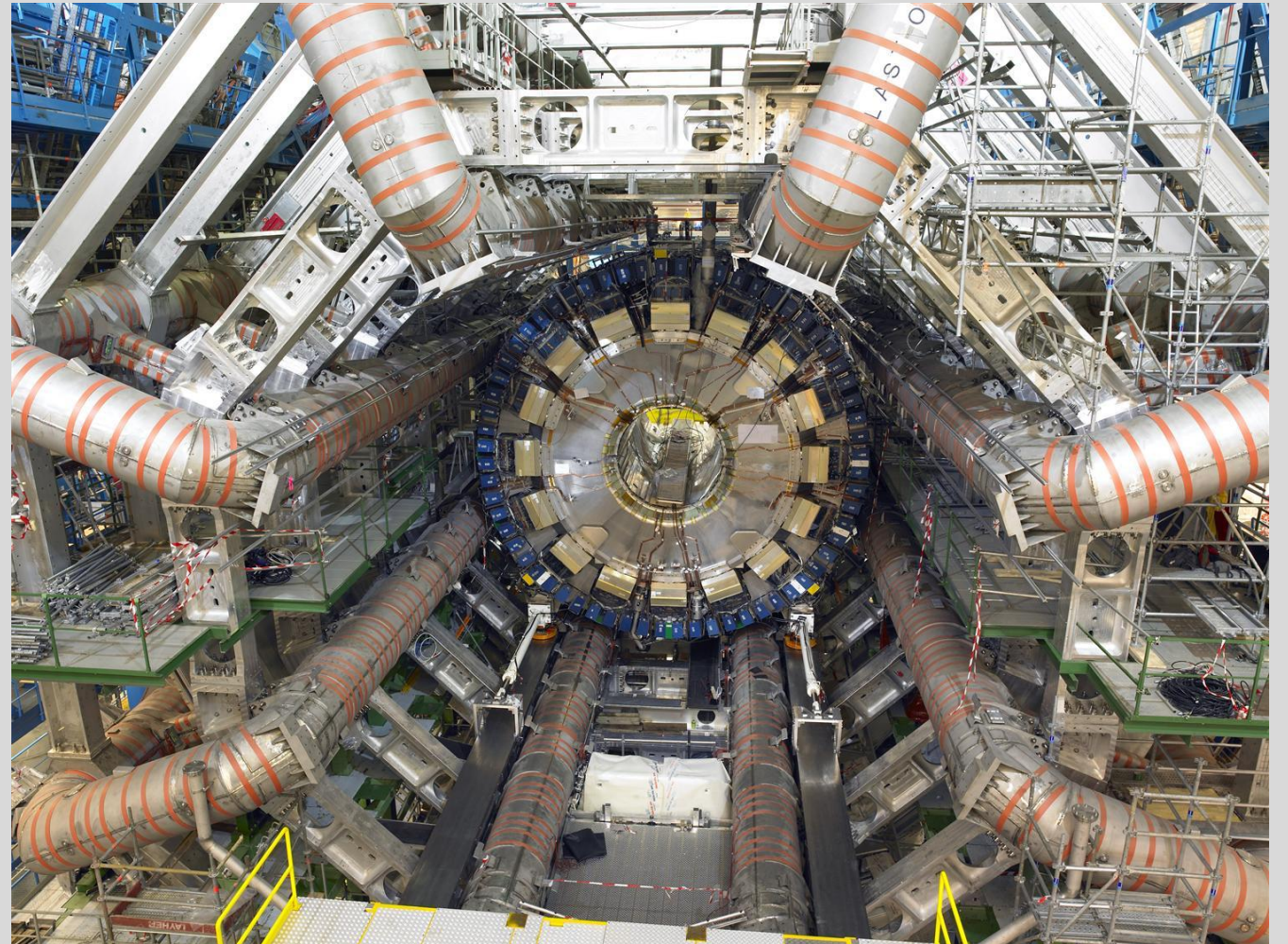
ATLAS Experiment

<https://atlas.cern/>

(CERN, 2011 - now)



ATLAS EXPERIMENT



EXPERIENCES

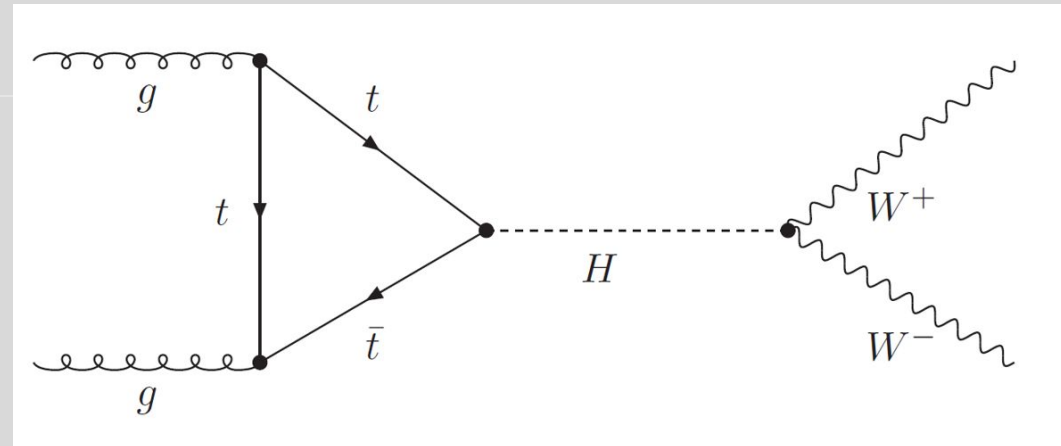
ATLAS Experiment

<https://atlas.cern/>

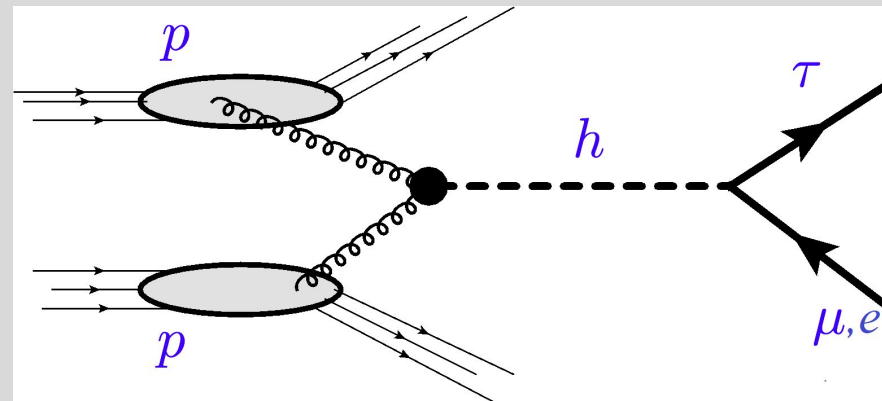
(CERN, 2011 - now)



Standard Model Higgs



Lepton flavor violation (LFV) Higgs



- Higgs physics
- Missing transverse energy study
- Missing mass calculation

What can I bring to the group?

Neutrino physics is not my field ...

but I can help in some ways

- code writing
- data analysis
- hardware , electronics (maybe)
- . . . (you name it)