About me

- **Who I am; where I am from; where and what I study:**
  - Fatima Bendebba
  - Morocco
  - PhD Student in High Energy Physics (ATLAS collaboration)
  - Hassan II University of Casablanca
- **The reason why I attend this program:**
  - Expanding my knowledge in particle physics and nuclear instrumentation fields
  - Complementing my academic training as a researcher
- **Five years from now:** Intending to gain skills and experience as a postdoc
- **Something that makes me really angry:** Not respecting deadlines 😕
- **Something I feel passionate about:** R&D

كلية العلوم – القنيطرة
Faculté des Sciences – Kenitra

esipap 2021

Rafik ER-RABIT

FS-UIT

- My name is *Rafik ER-RABIT*, I am a Moroccan 1st year Ph.D. student at the Faculty of Sciences of Ibn Tofaïl University, I belong to the Ibn Tofaïl ATLAS Team, and I am mainly interested in Top Quark Physics.

- I am choosing ESIPAP under the recommendation of my supervisor, Pr. Mohamed GOUIGHRI, because we believe that it is the ideal choice I can begin my Ph.D. journey with, and that the two courses will provide me with the professional boost I need for my career.

- Five years from now, I hope that I will be an Assistant Professor in a Moroccan university, and that I will always have valuable contacts and collaborations with all the participants of ESIPAP2021.

- What makes me really angry is an instable internet connection. And I am passionate about extending professional relationships to friendships.

SENEGAL ESIPAP 2021

- Saliou FALL (salihfll4@gmail.com)
- Born in Senegal on February 12th, 1993
- Male, Single
- First Language is French
- Graduated as a master in Atomic and Nuclear Physics in Institute of Applied Nuclear Technology (I.T.N.A) /Senegal (2020)
- My program for the 5 next years:

  2021-2023 : PhD in Atomic and Nuclear Physics

  2023-2025 : PhD in Nuclear Safety and Security

- The objetive of my partcipation for this course 1 is to increase and consolide my knowledge in Particles Physics and Detectors.
- I hate Violence & injustice
- I like reading and football

Constance Glaichenhaus

22 years old
French student

- Nuclear engineering student at Phelma Grenoble INP
- I chose this programme for the diversity of courses and I am very interesting in detector technology
- 5 years from now, i hope work at Rolls Royce Civil Nuclear in detector department in Grenoble
- I hate hypocrisy
- I feel passionate about writing

Self introduction

Fangyi Guo

From Institute of High Energy Physics, Chinese Academy of Science.

PhD student major in particle physics, in my first year.

Why I come here?

I'm hoping to have a global and international view of particle physics, learn the latest techniques and methods used in this field.

5 years later?

Get a PhD degree, be a physics postdoc working in something interesting.

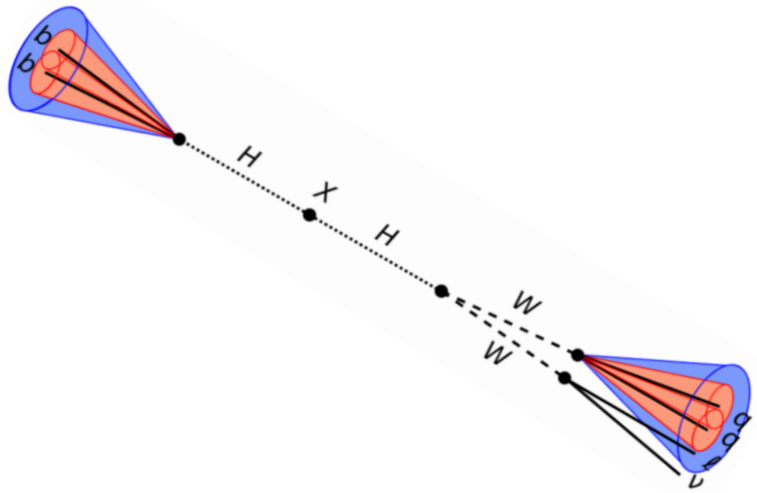
Things I like and don't like?

Like: something really new, fresh and interesting.

Dislike: Very few things can make me really angry. Unreasonable quarrel might be one?

Presentation slide

- ✓ I'm **Hidaoui Mourad**, from **Morocco**.
- ✓ PhD student at **Ibn Tofail University**, Morocco.
- ✓ Search for Dihiggs production in the $b\bar{b}WW^*$ decay mode with the ATLAS detector.
- ✓ **ESIPAP** will answer my questions. and help me to develop my professional career and my skills.
- ✓ After the PhD, I plan to continue in this field of research.
- ✓ Random situation interrupt me in the middle of something.
- ✓ I feel passionate about particle physics.



Marius Lopez

Who am I ?

- Université de Technologie de Troyes (France)
- PhD student : « **Mobile Compton Cameras for critical infrastructure Surveillance** »

Why ESIPAP ?

- Coming from an IT engineering degree -> lack of knowledge in particle & astroparticle physics
- Important to understand how the compton camera works

What I want to do in 5 years ?

- Working in a research team
- Succeed my PhD degree !

What makes me angry ?

- My computer, when it refuses to to do what I want (mostly by my own mistakes)
- Loosing my keys

What makes me feel passionate about ?

- Music
  - Several bands

Nathan Lorber

- I'm currently completing a Master's Degree in Subatomic Physics and Astroparticles at the University of Strasbourg, my hometown.
- I decided to join this program because it aligns perfectly with the topic of my studies, and would allow me to learn directly from researchers in the field.
- 5 years from now, I'm hoping to share my time in one way or another between physics and music, my other passion.
- I get pretty mad at people who don't use their turning signals when driving.
- As mentioned, I feel very passionate about music.

MOLLE Robin

Who ? Where ? What?

Grenoble INP phelma

Work in energy and nuclear engineering

Why ? And after?

Hesitation between ESIPAP and JUAS

↳ Love cosmology and ESIPAP will be more useful for me

I will work in radiotherapy at the LPSC in Grenoble, and I will do a thesis in this field

Disrespect

Mountains &
particularly hicking

A short synopsis of me

- My name is Stacyann Nelson, I am from Jamaica.
- Currently, I am attending Florida A & M University, Florida, USA, where, I am reading for a PhD in Physics, my main concentration is in experimental particle physics.
- I choose this program because of the wide ranges of opportunities it offers to learn about new and revolutionary technologies also the ability to gain much deeper understanding and knowledge within the field of particle physics.
- 5 years from now, I would like have completed my PhD and become a professor inspiring and motivating youngsters especially girls to join the field of physics.
- The thing that angry me the most is someone saying, “I will help you,” but doesn’t really means it, ie their words are no good to take to the grocery store.
- I am passionate about imparting knowledge to assist others in becoming better than they think or realize that they can become.

Self Introdution

- I am Ligang Shao from China, and study particle physics in China.
- I want to learn more about detector physics.
- I hope to be researching in particle physics field 5 years from now.
- Bad food makes me angry.
- I feel passionate about movie.

Dear teachers and students.

My name is Abib SOW, I came from SENEGAL. I am a student enrolled in Master 2 at the Institute of Applied Nuclear Technology of the Cheikh Anta Diop University in Dakar, Senegal. I am on the way to finalize his Master's thesis degree on the field of radionuclide detection.

I chose to attend this proram for increasing my knowledge in the field of nuclear physics, particulary in the physics of detections.

Over the next 5 caming years I want to know how really the detector used in nuclear particle work. I want to do a thesis in these field and to teach it a university. Also want to participate at the evolution and the involvement of the word of rechearch.

I don't like hypocrisy that makes me angry.

My passion is : learnig the physic and applications.
I am so passionate by football and playing piano.

Hatice TEKIS

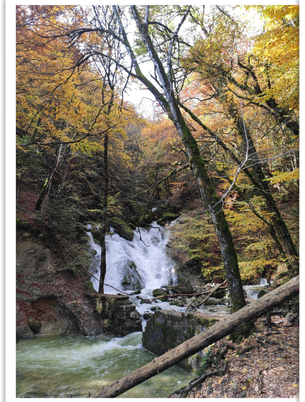
hatice.tekis@cern.ch

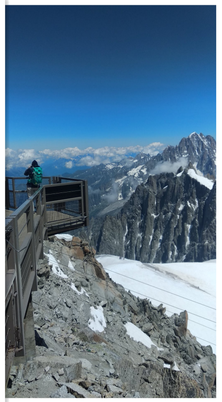
KTO KARATAY ÜNİVERSİTESİ

- Come from Konya, Turkey

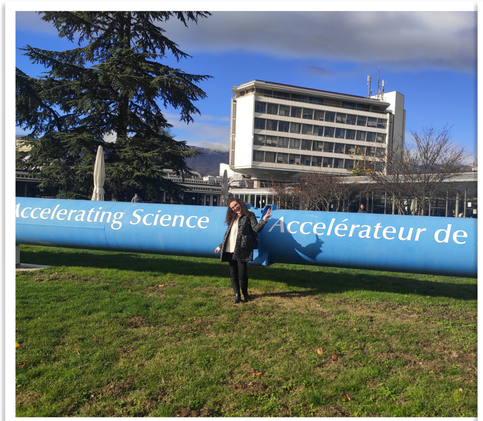
...where I've been doing my master in Electrical and Computer Engineering @ Karatay University

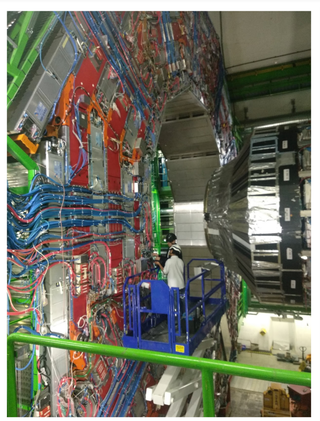
- B.Sc. in Electronics & Electrical Engineering and Computer Science as double major student from Karatay University





- Currently;
  - Working as technical student with EP-CMX-DA group @CERN
  - Developing massive temperature monitoring system for CMS Cold Detectors (HGCAL, Tracker, MIP Timing Layer) Phase-II Upgrade
  - Research on electronic circuit design, DAQ





- I expect to
  - do PhD in the field of microelectronics, IoT, or signal processing for HEP detectors
  - be senior fellow or staff @CERN 🤞 in 5 years

- Something I feel passion about;
  - Taking nature photography
  - Hiking, Traveling
  - Bullet journals design
  - Programming

- Inequality, injustice and being under pressure make me angry :)

- Who i am ? I’m Vincent Trayter, student in Master degree in particle physics at the french University of Strasbourg.

- Why ESIPAP ? My friends did it last year and they all told me it was great. I trust them.

- Me in Five years ! Theoritical physicist, working on quantum field theory, renormalization, new physics. (Unemployed is also an option)

- Something that makes me angry ? Hum…Chemistry, screaming children, Cyclist who cut me off, tons of things.

- Something i feel passionate about ? Obviously , theoritical physics, but it’s most the theorizing mechanism, i love to theorize.(as an exemple i’ve spend a lot of time on the r/darksouls working with people all around the world to analyze and theorize about the backstory of Dark Souls)

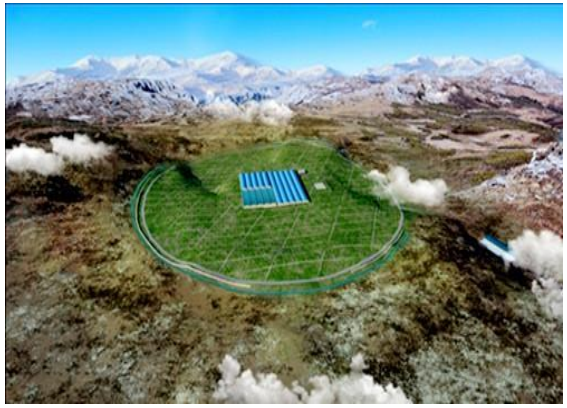
- Who I am? Polyneikis Tzanis
- Where I am from? Samos, Greece
- Where and what I study? NTU Athens, PhD in Experimental High Energy Physics
- Why I chose to attend this programme? A School of Instrumentation in Particle & Astroparticle Physics by world class experts? Simple 😎
- What I hope to be doing 5 years from now? Being part of the research community and cooperating with several people from different worlds and fields.
- Something that makes me really angry? Unsolved problems, sciolism
- Something I feel passionate about? Combine physics and electronics in order to discover the world's mysteries

Name : Ran Wang

College :ShandongUniversity

- This course is related to my work, which can not only help me understand the working principle of detectors, but also enable me to learn the knowledge of data analysis methods.
- Planning for the future：I hope to find a parameter to distinguish gamma from proton, so that I can better rule out the influence of background.
- angry : When I feel a lot of pressure, I may feel angry
- passionate : Sports and some high altitude rides

Shandong University



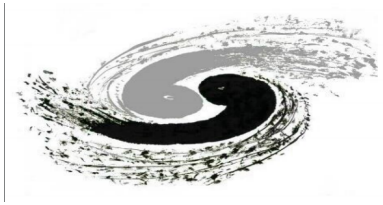
LHAASO

⇩

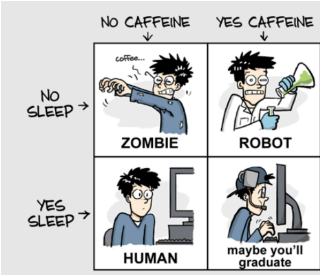
The identification of gamma and proton

Self Introduction for ESI School

Shuiting Xin, Institute of High Energy Physics, Beijing, China
PhD student, particle physics experiments
Doing ATLAS analysis and study CEPC software



- What I want to learn from ESI school
  - Better understanding on detector.
  - Be skillful to solve problems in the field of particle physics.
- Long term plan for 5 years
  - Work hard on research and be a well trained PhD
  - Be able to study individually



- Things make me angry
  - When people rush me to do things I don’t like being rushed
- Things I am passionate about
  - Playing basketball.

Jingyi ZHAO

Institute of High Energy Physics (IHEP), Chinese Academy of Sciences (CAS)

Education

B.S. in Physics
Hebei University, China, 2008-2012
Ph.D. in Particle Physics
University of Chinese Academy of Sciences, China, 2012- 2018

Appointment

Research Assistant
IHEP, CAS, China, 2012 - Present
Postdoctoral Fellow
IHEP, CAS, China, 2018 - Present
Visiting Scholar
Indiana University, USA, 2018 - Present

Academic Activities

CHARM 2016, Bologna, Italy
Talk: "Non-DD decays of the ψ(3770) at BESIII".
ACAT 2019, Saas-Fee, Switzerland
Poster: "Digitization of Cylindrical GEM Detector".
SSI 2019, California, USA

Research Achievements

[1] Measurement of the integrated luminosities of cross-section scan data samples around the ψ(3770) mass region.
Chin. Phys. C 42 (2018) 063001.
[2] Digitization modeling of a CGEM Detector based on Garfield++ simulation.
Radiat. Detect. Technol. Methods 4 (2020) 174.
[3] Cross sections for the reactions $e^+e^-\to K^+K^-\pi^+\pi^-(\pi^0)$, $K^+K^-K^+K^-(\pi^0)$, $\pi^+\pi^-\pi^+\pi^-(\pi^0)$, $pp\pi^+\pi^-(\pi^0)$ in the energy region between 3.773 and 4.600 GeV.
BESIII Memo BAM-402.
[4] Study of $e^+e^-\to K_S^0(D^+D_s^{*-}+D_s^+D^{*-})$ above 4.6 GeV.
Talks of the BESIII Collaboration Meetings/Workshop.
[5] Cross sections for $e^+e^-\to\pi^+\pi^-D^+D^{*-}$ in the energy region between 4.27 and 4.60 GeV.
Talks of the BESIII Collaboration Meetings/Workshop.
[6] Determination of $f_+^K(0)$ and extraction of $|V_{cs}|$ from semi-leptonic D decays.
Eur. Phys. J. C 75 (2015) 10.
[7] Determination of $f_+^\pi(0)$ or extraction of $|V_{cd}|$ from semi-leptonic D decays.
Phys. Lett. B 743 (2015) 315.

I feel passionate about doing physics and software research ^_^

Past and Future

From previous research experience, I realize that physicists on experimental high energy physics should keep up with the technology and broaden the knowledge of related areas. **In the coming 5 years**, I would like to do extend my research to more areas.
By **applying for this course**, I would like to get training in instrumentation for Particle Physics to enhance my personal skills.
I'm looking forward to **studying and working with colleagues from all over the world.**

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