1 Slide -

Presentation of the CAS Team, Lecturers and Participants on Introduction to Accelerator Physics

Santa Susanna, Spain

23 September 2024

CAS Team

- Frank Tecker
- Christine Vollinger
- Delphine Rivoiron
- Maria Filippova
- Noemi Caraban Gonzalez

Frank Tecker

CAS Director
Accelerator Physicist
Fermilab, CERN
LEP, Recycler, CLIC/CTF3, PS

Teaching

Accelerator Physics
Linear Colliders

Enjoying life

Travelling
Good food!
Nice wine, …

more over a glass of wine…

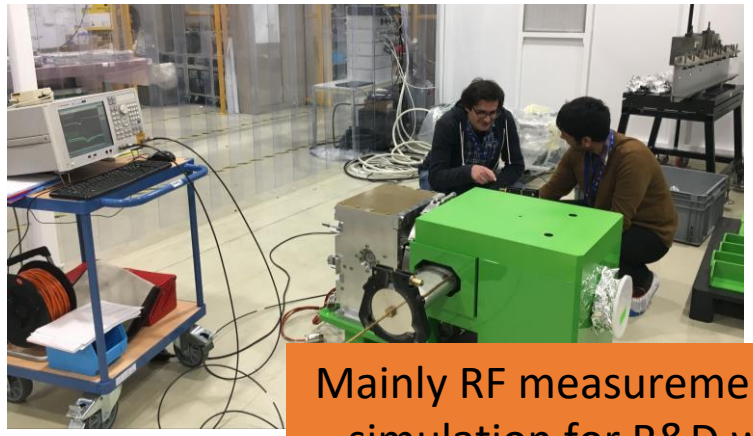
Taking pictures

Sports

Pool (Swimming and Billiard), Kicker, Ski, ~~Running~~, **Volleyball** (indoor, beach)

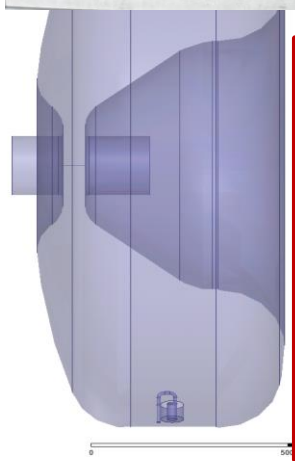
Christine Vollinger from CERN – RF Group

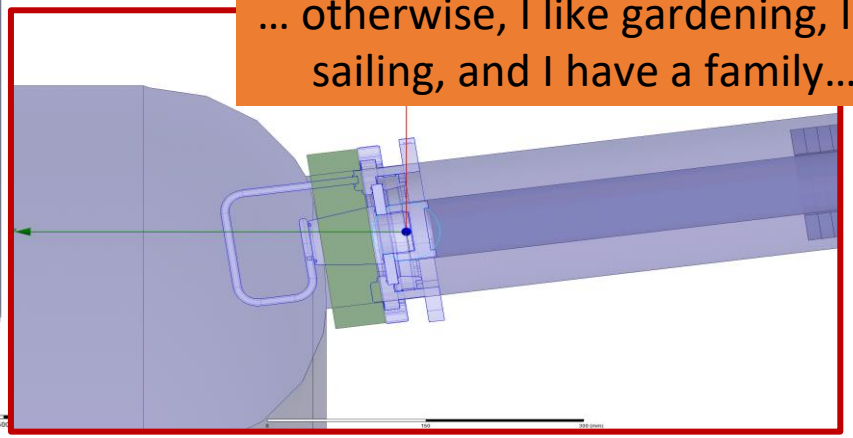
Working on beam coupling impedance mitigation for (almost) ALL CERN accelerators…

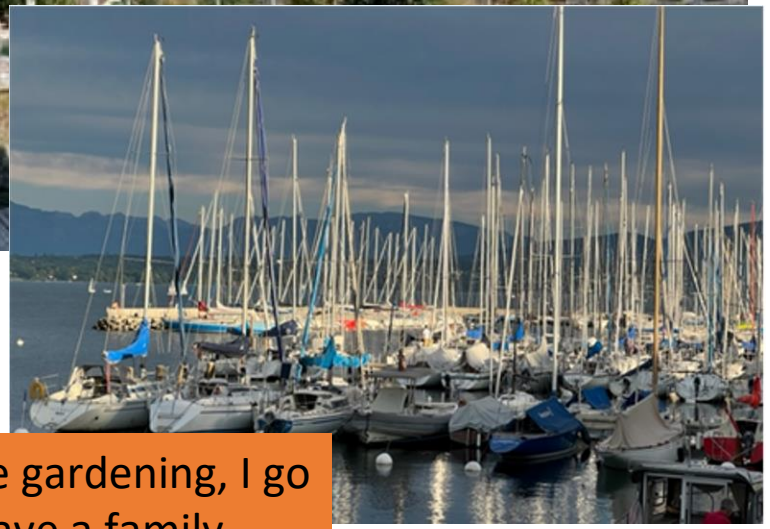


Mainly RF measurements and simulation for R&D work…

… and CAS!







… otherwise, I like gardening, I go sailing, and I have a family…

~~Dolphin~~ Delphine RIVOIRON

CERN

Since 2000

The CERN Accelerator School

Since 2017

Maria Filippova

At CERN since 2008

2008-2015: quality assurance assistant at CLIC study responsib[illegible] components (splitters, bi-directional couplers, high-power loads): specifications, procurement, contract follow-up, qualification ch[illegible] shipment, document management.

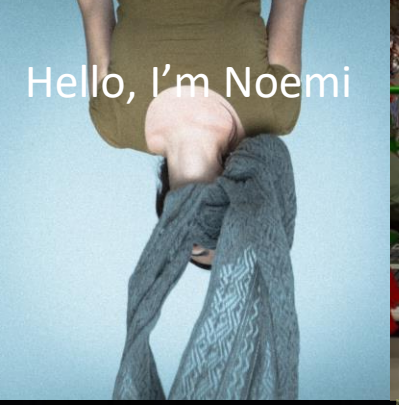
Oct 2018-present (50%):

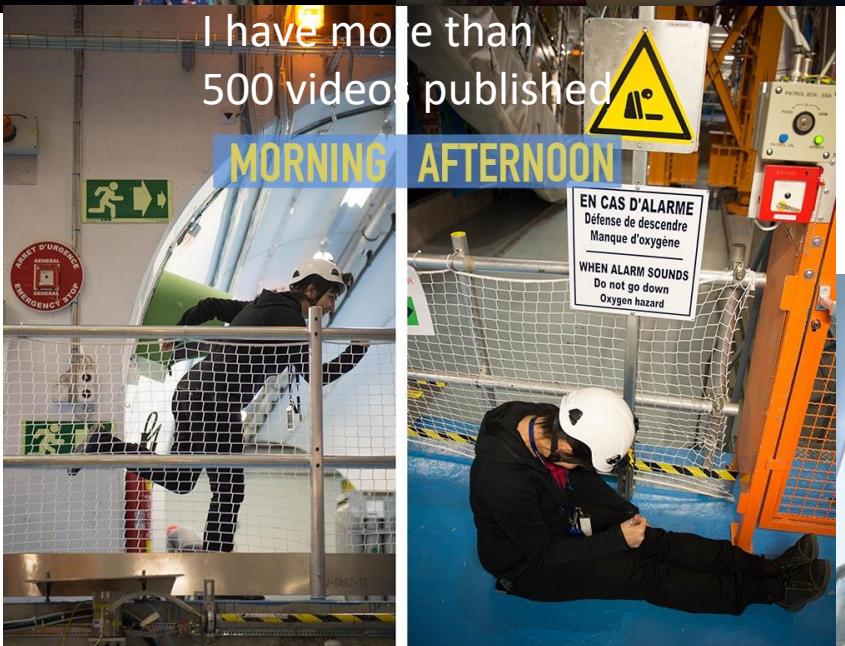
CAS administrative assistant

- registration and payment follow-up
- travel arrangement for lecturers
- certificates of participation
- formatting of proceedings.

Hiking

Cross-stitching





I will be recording the lectures to create a database of knowledge
See you around!!!

Lecturers

- Irina Shreyber
- Suzie Sheehy
- Wolfgang Hillert
- Gijsbertus de Rijk

Teaching

- Particle & Accelerator Physics
- Electrodynamics/Relativity/QFT
- Public Science Speaker
- Space & Universe Science and Public Talks
- Management and Leadership Skills for Scientists

Irina Shreyber

- Particle/accelerator Physicist
- Fermilab, CERN, CEA, UNG/TSU/ITEP
- CDF/CMS/MAD-X/ “Science”
- Global head of the SIG Energy, IPMA
- Science Leadership School Director
- MBA Energy Management 💻

MORE OVER A GLASS OF…

Sports

~~**Powerlifting,**~~ Skiing,

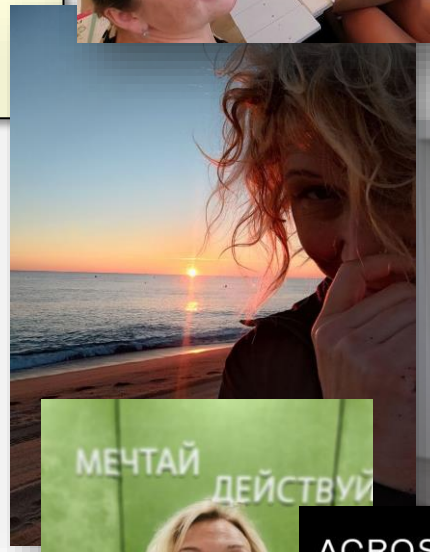
Running

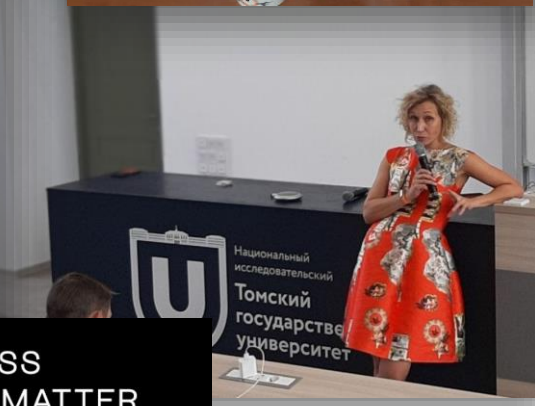
Enjoying life

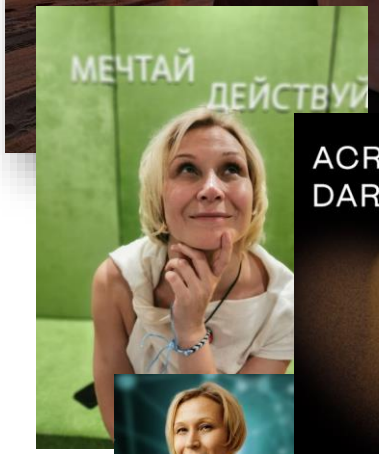
- Reading
- Travelling
- Good conversation
- Romantic jazz
- Nice wine

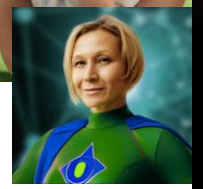
…

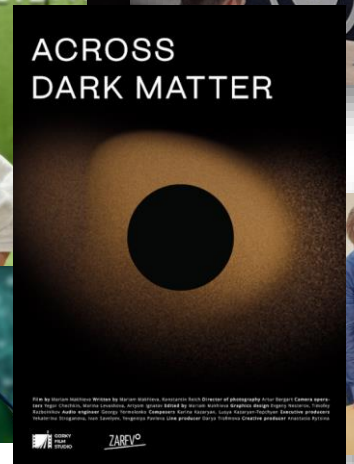
Posing for pictures











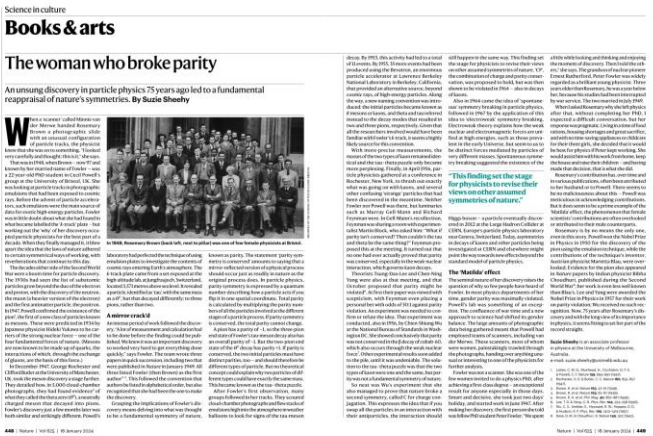
Melbourne Accelerator Physics Group in the “X-LAB”

Twin/body double
(which one is me?)

I love coffee.

A request:
Please send me stories of women in physics (especially historical ones) from your country!

Dr. Suzie Sheehy



Science in culture

Books & arts

The woman who broke parity

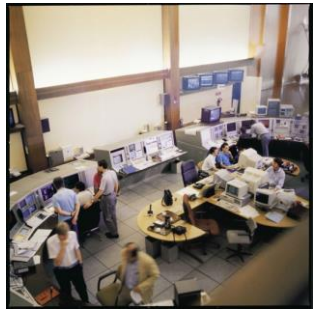
An unsung discovery in particle physics 75 years ago led to a fundamental reappraisal of nature’s symmetries. **By Suzie Sheehy**

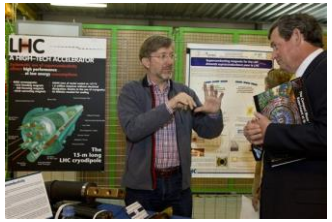
BBC

Physicist, 98, honoured 75 years after discovery


St. Michaelis, Hamburg, 24.08.2023

Gijs de Rijk





MSc Leiden univ. Exp Physics 1981, PhD Univ of Amsterdam 1986

Worked at CERN 1986-2022 on:

- LHC dipole design 86-88 (fellowship)
- Accelerator operations LEP & SPS 1988-1996
- Warm magnets for the LHC ring 1996-2002
- LHC dipole production 2003-2007
- High field magnets (Nb_3Sn and HTS) 2007-2022
- + a few management roles at CERN

Since April 2022 retired: doing lots of fun things:

- Sailing (YCC and private boat)
- Skiing, hiking
- CAS school teaching, guiding at CERN
- Consulting for a high-tech firm that produces Antennas & waveguides for telecommunications, small geostationary telecommunication satellites.

email: gderijk@protonmail.ch

Students

In groups of 6 people come forward

- Bernardo Abreu Figueiredo
- Yujung Ahn
- Ryan Allinson
- Bilal Al Tarawneh
- Gemma Antonino
- Aliakbar Babaie

Bernardo Abreu Figueiredo

- Doctoral Student at CERN (BE-ABP-CEI) since 01/08/2024
- Major in Computer Science
- Interested in:
    - piano
    - fencing
    - video games
    - travelling
    - learning new languages

Yujung Ahn

IRIS Institute for Rare Isotope Science

Current Position

Research Fellow,
Accelerator Operations Team
Institute for Rare Isotope Science /Institute for Basic Science (IRIS/IBS)

Daejeon, Rep. of Korea
Feb 2023 – current

Education

University of Science and Technology, Department of ICT Advanced Device Technology, **Doctor of Philosophy (Ph. D.)** in Engineering

Rep. of Korea
March 2018 – Feb. 2023

Busan National University, Department of Physics
Bachelor of Science (B.S.) in Physics

Rep. of Korea
March 2014 – Feb. 2018

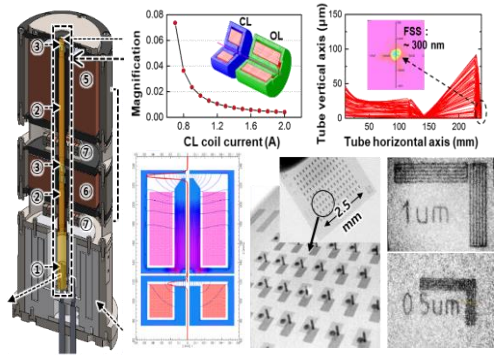
Research Field

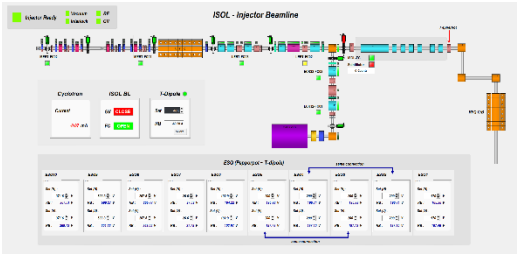
Development in field emission electron based x-ray source
X-ray imaging system / Electron Optics

NOW) EPICS-based control systems for the accelerator's operation

Interest

CrossFit, Netflix, Travel 😁






Ryan
Allinson
Electronics Engineer
UKRI
Science and
Technology
Facilities Council
ISIS Neutron and
Muon Source

BILAL AL TARAWNEH

ELECTRICAL ENGINEER-MAIN CONTROL ROOM OPERATOR AT ESS

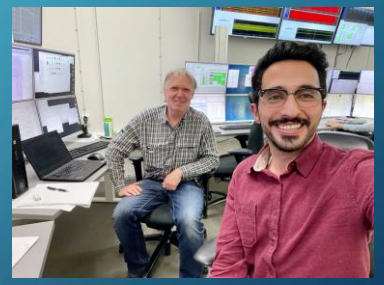
Who am I?

Bilal, 28 years old, electrical engineer. I come from Jordan. I love science, math and sports, especially football. I am happy and excited as we are in Barcelona to watch my fav team!

😁

Experience:

- SESAME light source-Jordan: iternship at the diagnostics group dealing with electronics mostly.



- MAXIV Laboratoy- Sweden

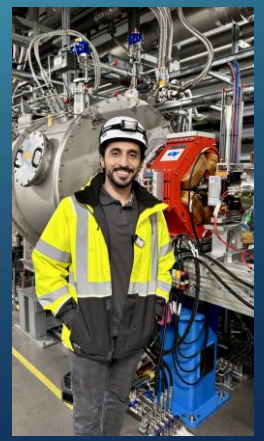
-Engineer within the Accelerator development group to work on a project with some of their undulators

-Service engineer - Floor coordinator within the beamline office group to provide user support

- ESS - Sweden

- Main Control Room Operator to monitor and maintain the machine during commissioning and operation together with shift leaders and system experts.

Celebrating reaching nominal current & longest pulse length on the DTL4 FC



Me standing in the ESS tunnel to help with preparations for coupler conditioning

Gemma Antonino

- BSc in Physics from the University of Melbourne
- Research year with Dark Matter group
- Operator at the Australian Synchrotron

Australian Synchrotron

ARC CENTRE OF EXCELLENCE FOR DARK MATTER PARTICLE PHYSICS

ansto

Outside of Physics I am cooking, playing music and having lots of coffee!

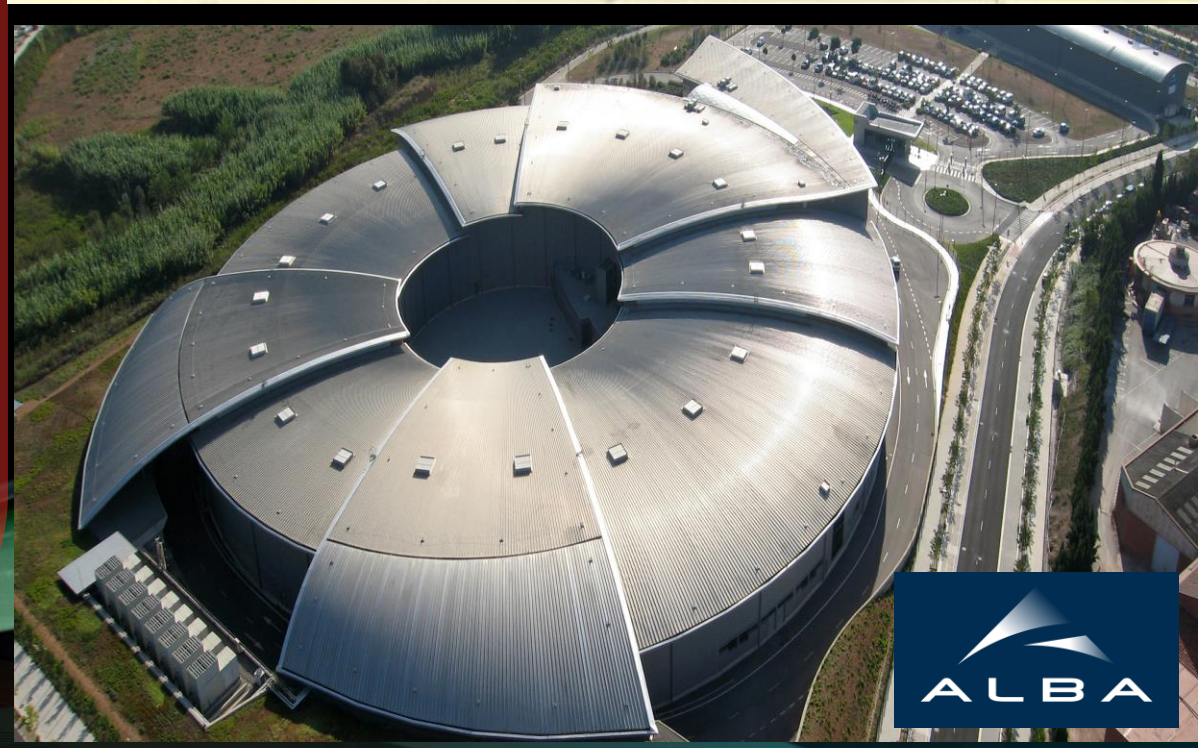
Aliakbar Babaie

Bachelor of Science in Electrical Engineering

Master of Science in Nuclear Engineering, specialized in Radiations Application

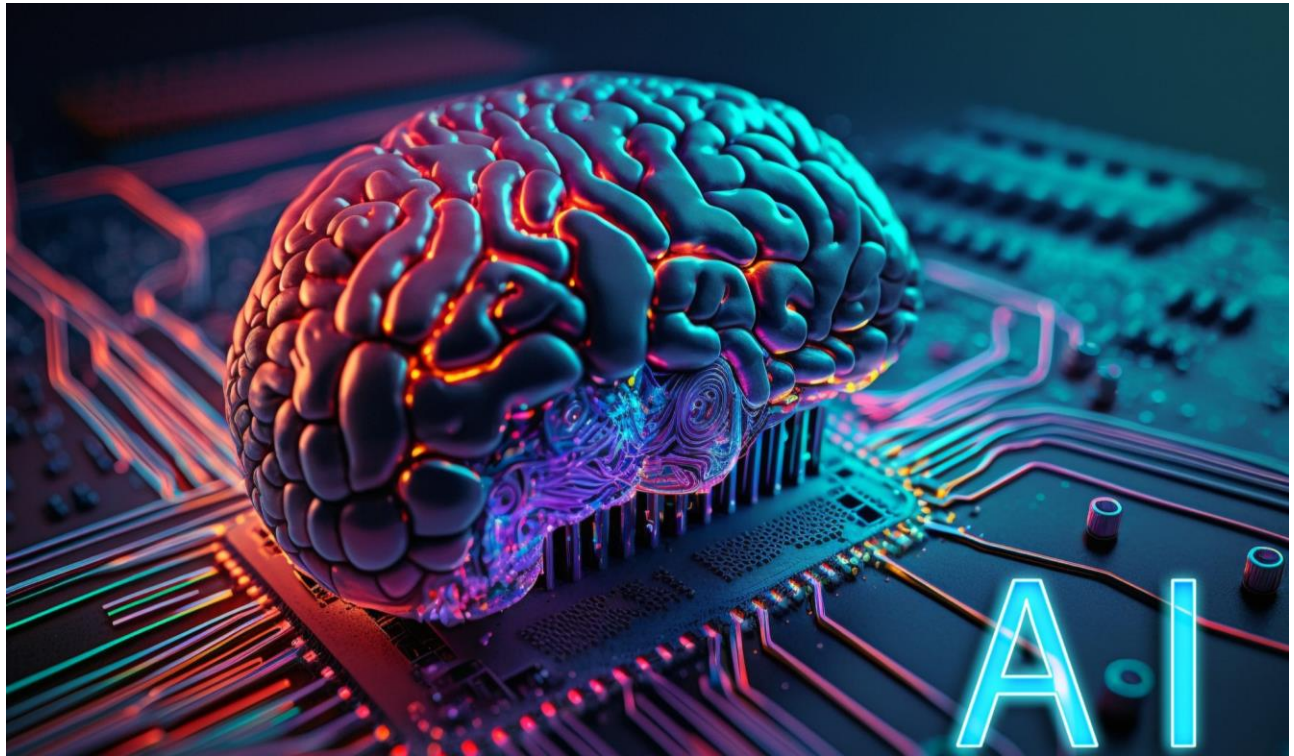
Thesis: Designing a digital processing FIR filter and beam dynamic calculations for longitudinal bunch-by-bunch feedback system of the Iranian light source facility

Lawrence's original 4.5-inch cyclotron



Students

- Amaury Beeckman
- Fabio Cismondi
- Miguel Diaz Zumel
- Yusuf Khalid Ahmed Fazlee
- Juan Carlos Fernandez Ortega
- David Gancarcik



Amaury Beeckman
Quest at CERN in BE-OP

Focus on Longitudinal Beam Observation in the accelerator complex

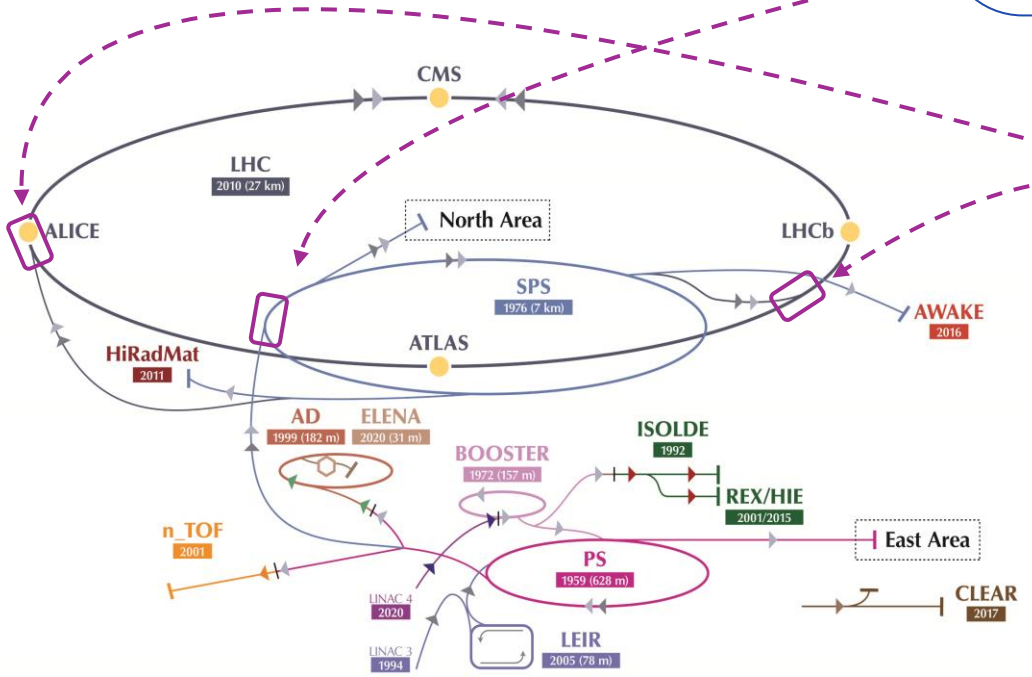
Fabio 1 slide 1’

- Fabio Cismondi, 46 years old, married 2 children
- Nuclear engineer (neutronics, thermohydraulics), PhD in signal and image processing, currently working at Fusion 4 Energy
- 15 years working on nuclear fusion technologies (for ITER project), since 5 years on LIPAc (D+, CW 125mA accelerator in support of fusion development)
- Multi-cultural engineer (5 years in France, 5 years in Spain, 3 years in Japan, 9 years in Germany)
- Love sport (running, cycling, mountains, ski touring etc)

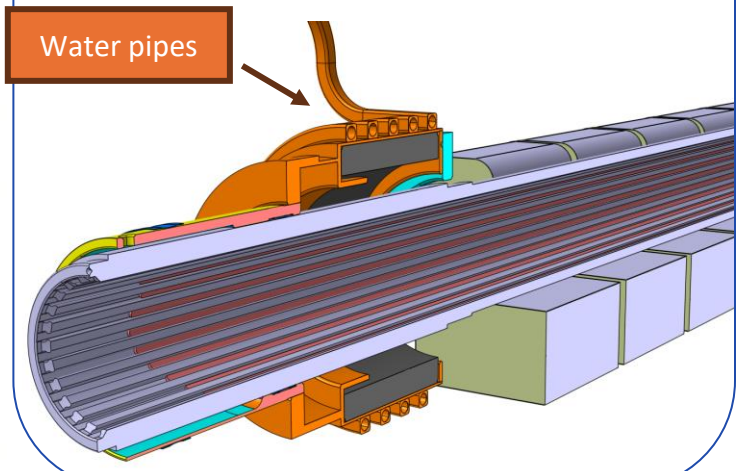
Miguel Díaz Zúmel

Kicker magnets at CERN (SY-ABT)

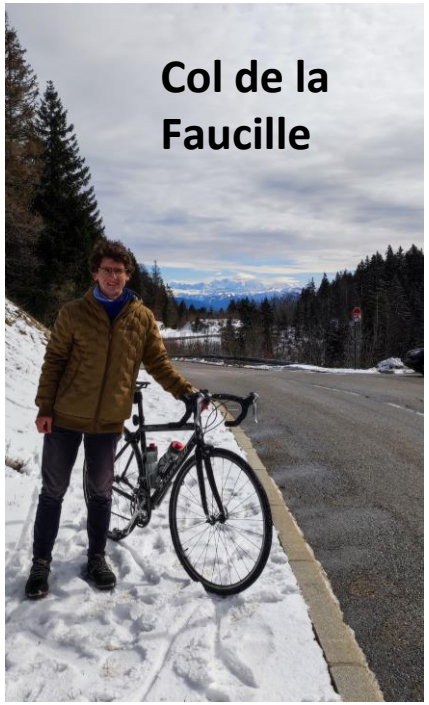
New kicker transported to the SPS (December 2022)



Water-cooled kicker for HiLumi-LHC



La vie franco-genevoise

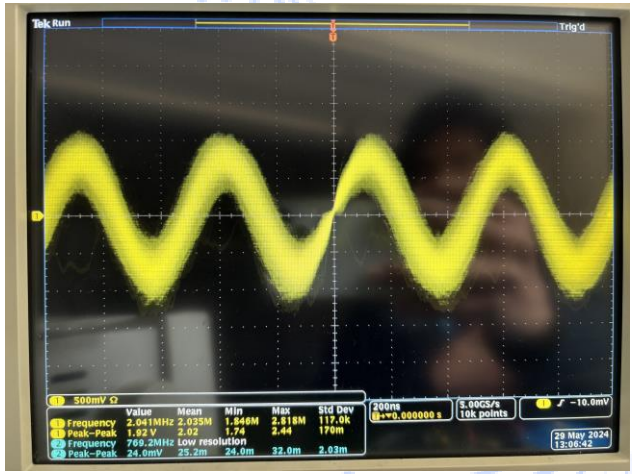


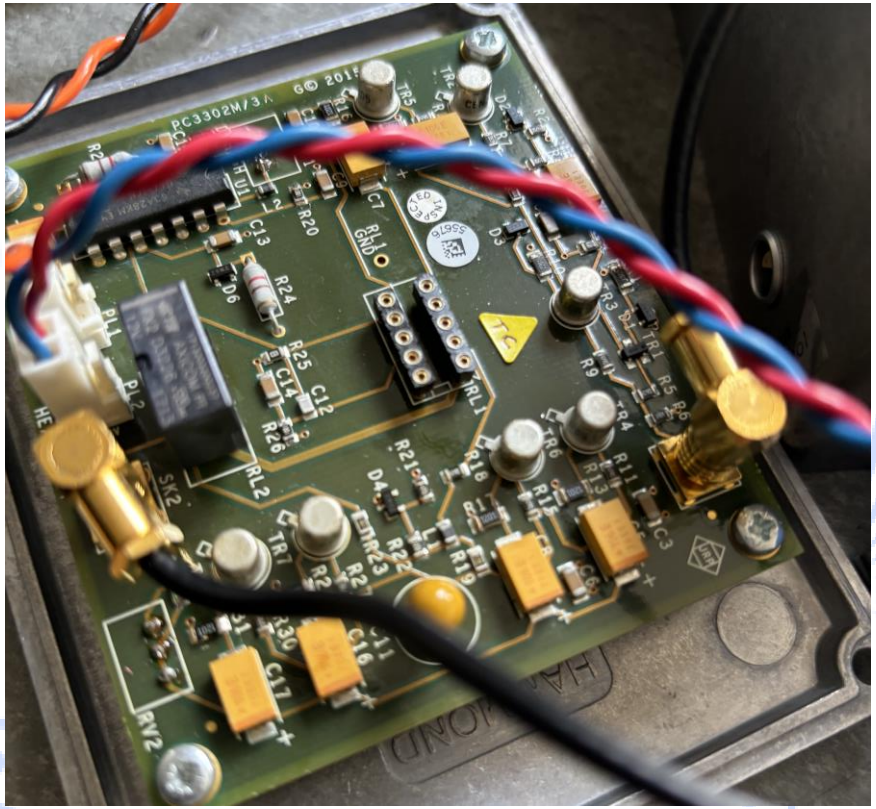
Khalid Fazlee

Diagnostics Electronics Engineer

Science and Technology Facilities Council

ISIS Neutron and Muon Source





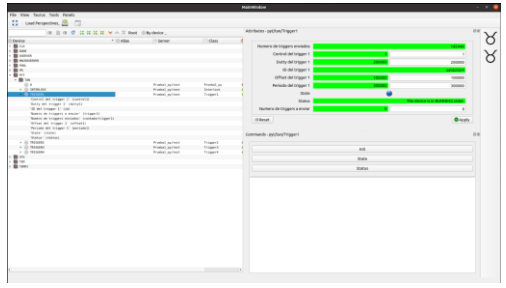
JUAN CARLOS FERNANDEZ
IFIC-UV

Bsc. Electronic Engineering

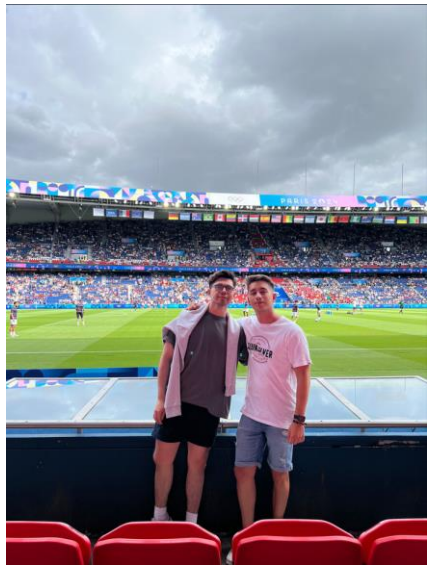
Msc. Electronic Systems

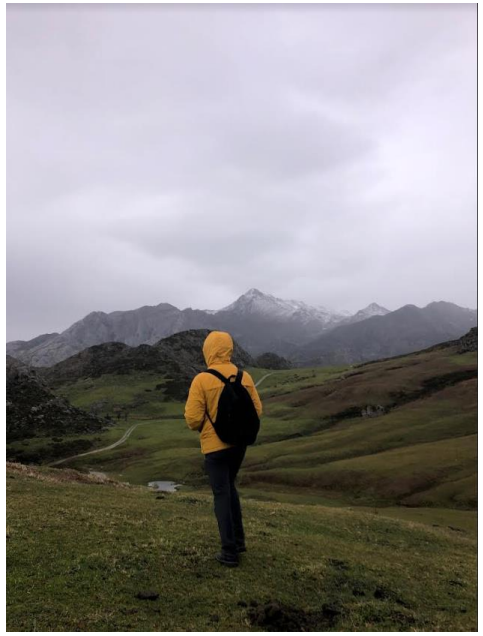
PhD. Electronic Engineering

ONGOING…

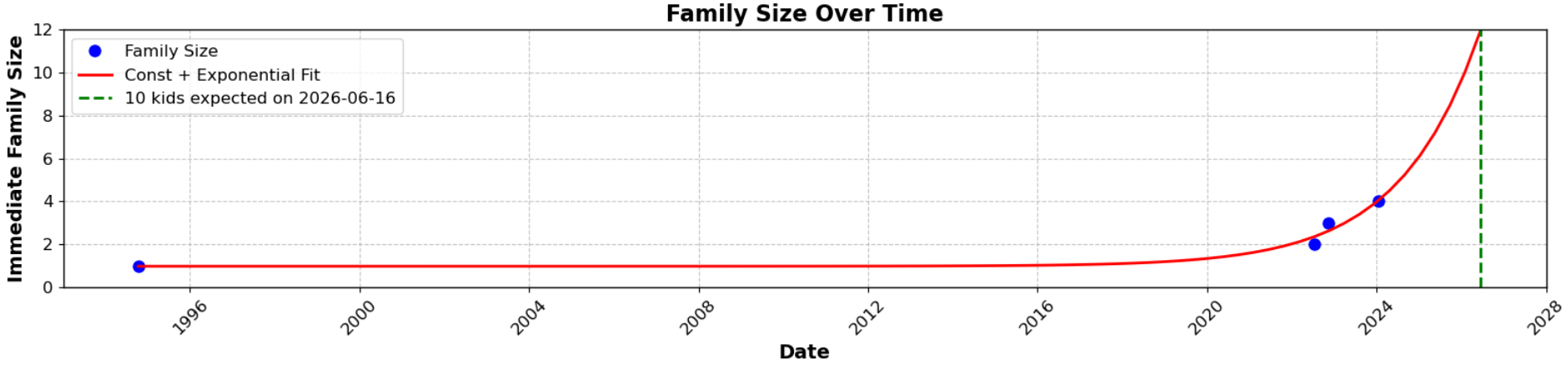


Hobbies

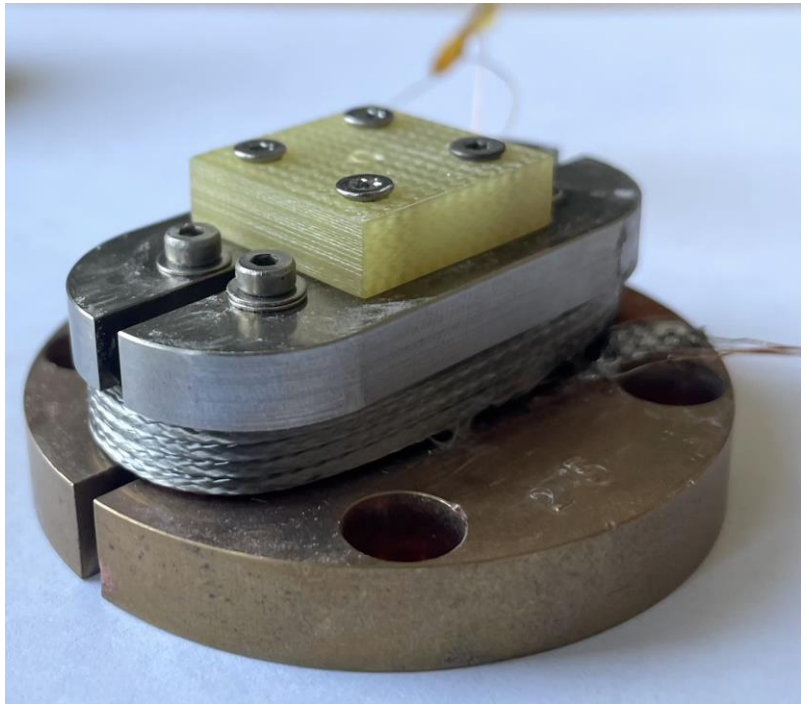




1 slide = 1 minute: David Gancarcik



Thesis:	Bachelor	Master	Doctoral
with	ATLAS (AFP detector)	CMS (BRIL project)	LHC (TE-MPE-CB)



Students

- Dora Gibellieri
- Florian Göppert
- Eunhun Im
- Ronald Joseph
- Markel Lacabe
- Ronaldo Mercado

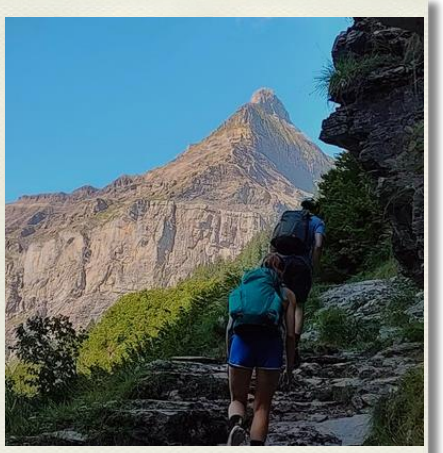
Dora Gibellieri

PhD Student in Particle Accelerator Physics

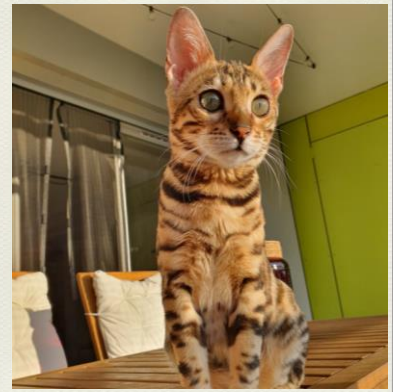
Born in Rome, where I obtained my BSc in Physics

MSc in Applied Physics in Geneva

Bouldering



Hiking



Nala

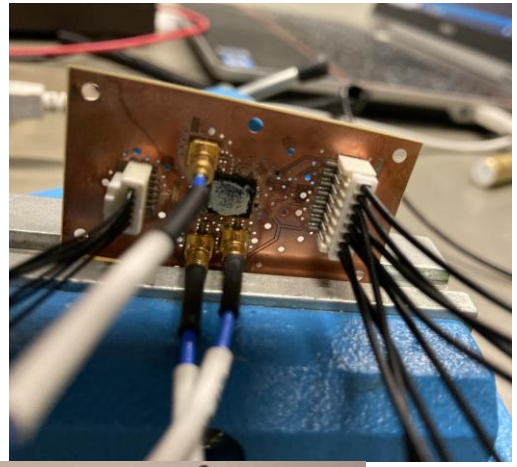
PhD at CERN with the University of Caen

Cycling

Skiing

Neville

Florian Göppert



Electrical engineer

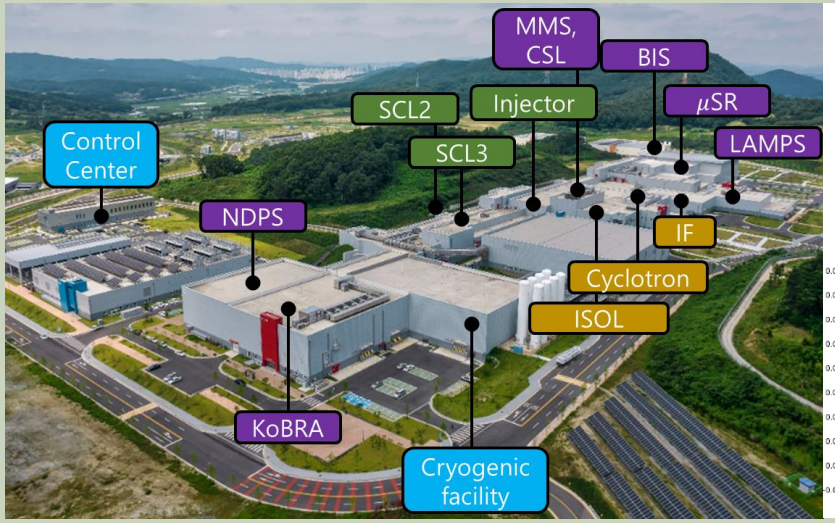
Passionate dancer

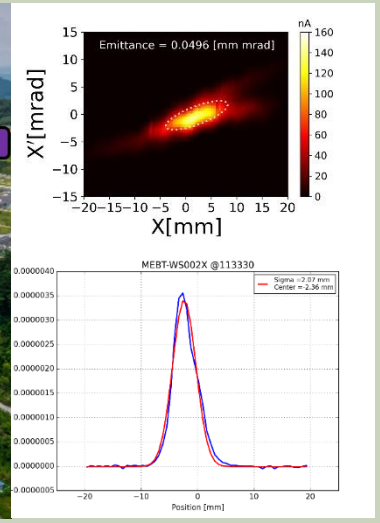
Casual artist

EUNHUN IM Institute for Rare Isotope Science/Postdoc

Work

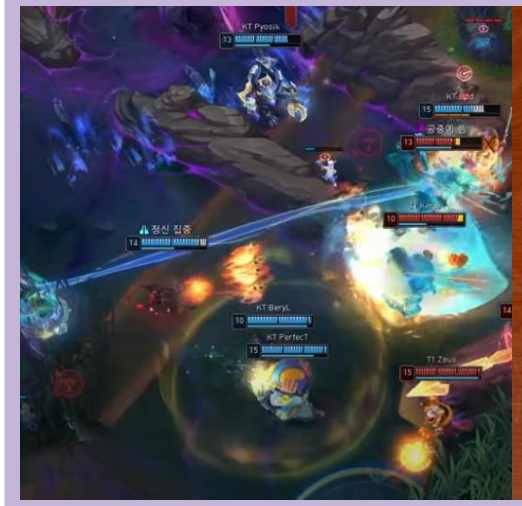
- Working in diagnostic group at RAON
- Measurement of beam parameters such as emittance, profile
- Build a diagnostic control program based on EPICS





Hobby

- Computer games like Lol and some Steam games
- Play tabletop board games
- Play badminton



What I want to say..

I am pleased to be attending the school and hope that it will be an opportunity to learn a lot about accelerators.

However, I ask for your understanding as communication may be difficult due to my limited English skills.

Ronald Joseph

GSI Helmholtz Centre for Heavy Ion Research Darmstadt Germany (2014-)

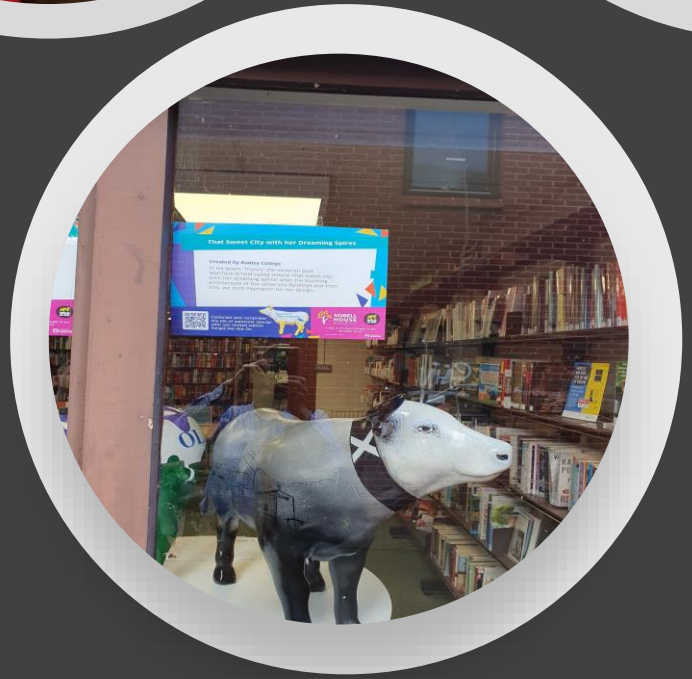
PhD- Kumamoto University, Japan 2011 (Telecommunication- Microstrip Antenna Design)

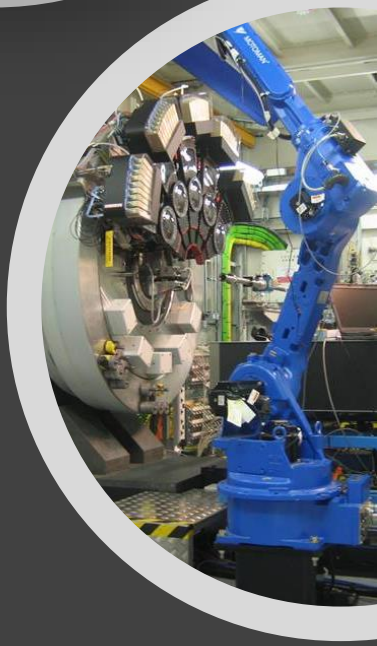
Past – Fraunhofer FHR, Bonn (2012-2014)

Hobbies- Badminton, Reading, Gardening

Previous CAS- Beam Instrumentation June 2018 FINLAND


WiFi





- Gweithio
- Teulu
- Hobi
- Dawnsio

Students

- Dani Metin
- Oghenesuvwe Ogagiyovwe
- Giusy Valeria Passarelli
- Anna Piccoli
- Sabiene Ross
- Anna Sofija Salosteja


AMI
INSURANCE


Domino's

My Name:
Oghenesuvwe Ogagiyovwe

I work with STFC-UKRI in their ISIS Pulsed Neutron and Muon Source department.

I work as an Accelerator Operations Duty Technician. My academic background was in electrical and electronic engineering. My work operation involved: providing a safe operation of accelerator and the two target station, providing of safety search of controlled area, assisting in first line of faults diagnosis of the accelerator (electrical and its other components). Also monitoring and documentation of real time data.

I am glad to attend the CAS 2024.

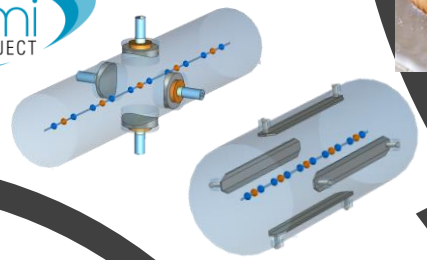
Science and Technology Facilities Council

Campobasso, Molise

CERN Doctoral Student

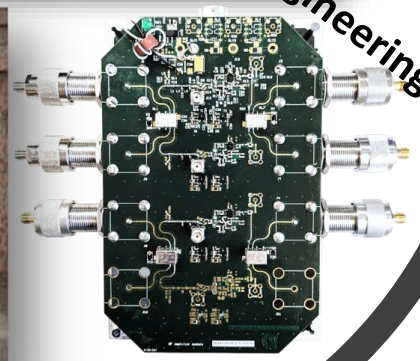
High-Frequency BPM

HiLumi HL-LHC PROJECT



Università di Pisa

MSc in Electronics Engineering



PhD Student at RHUL

and

Member of JAI

My Hobby

Giusy Valeria PASSARELLI

(SY-BI-BP)

CERN

Doctoral Student in
Accelerator Physics

Royal Holloway University of London

LhARA Laser-hybrid Accelerator for Radiobiological Applications

JAI John Adams Institute for Accelerator Science

I'm Anna.
I'm Italian.
I'm 26 years old.

I was born in Mantova, but I live in Ferrara.
I'm a PhD student at the University of Ferrara.

I'm part of the JEDI collaboration.

JEDI

Jülich Electric Dipole moment Investigations

My PhD activity is about the realization of simulations at the hybrid storage ring for EDM investigation.

I love sports (watching them on tv... 😉)

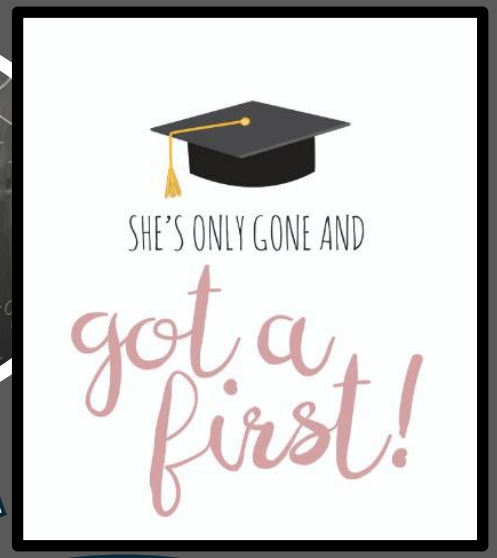
My favourite ones are football, F1, MotoGP and tennis.

I'm a Marvel lover and an Agatha Christie fan.

I enjoy relaxing with Lego and puzzles.

2018

2018 to 2024 Physics Degree Student



2024

The CERN Accelerator School

Sep/Oct 2024

THE FUTURE
Dare to dream

CERN Visit 2018

Sabiene Ross
(Accountant /Student/Physicist)

ISIS Neutron and Muon Source

Sophie Salosteja

Graduate Electronics Engineer

UKRI Science and Technology Facilities Council

Students

- Yu Tang
- Christoph Julien Wegmann
- Jiao Xu
- Eloise Yang
- Kirill Berestov
- Laura Karina Pedraza

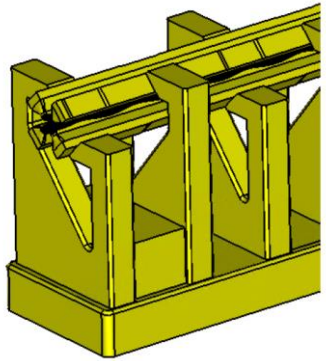
Getting to know Tang Yu

Born in: Sichuan, China

Hobbies:

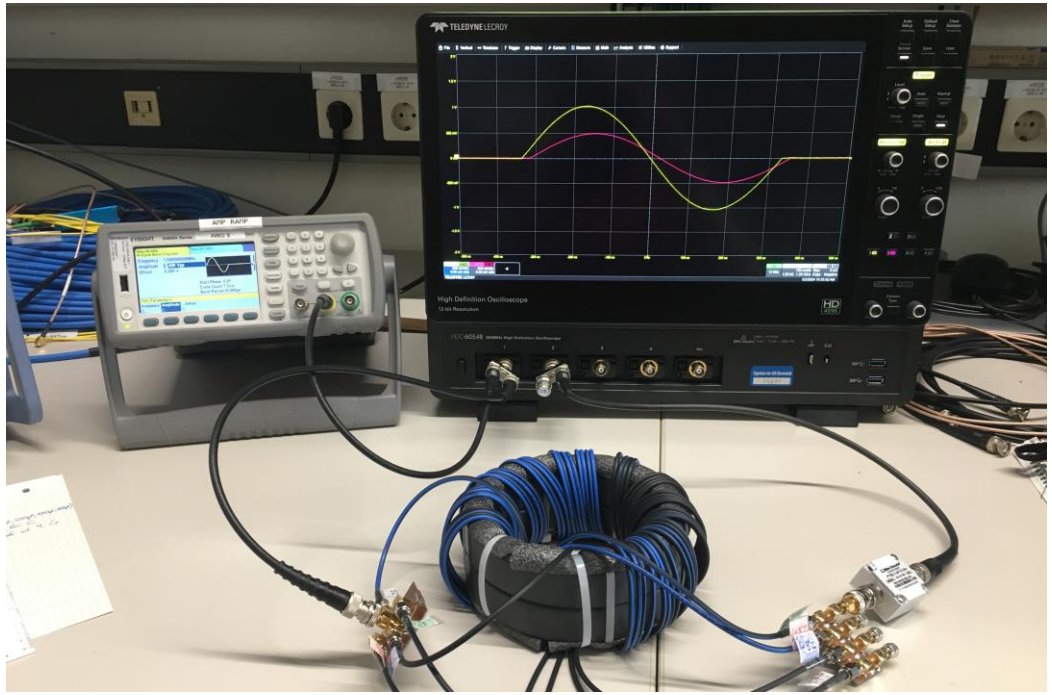
School: Institute of Modern Physics (Gansu, China)

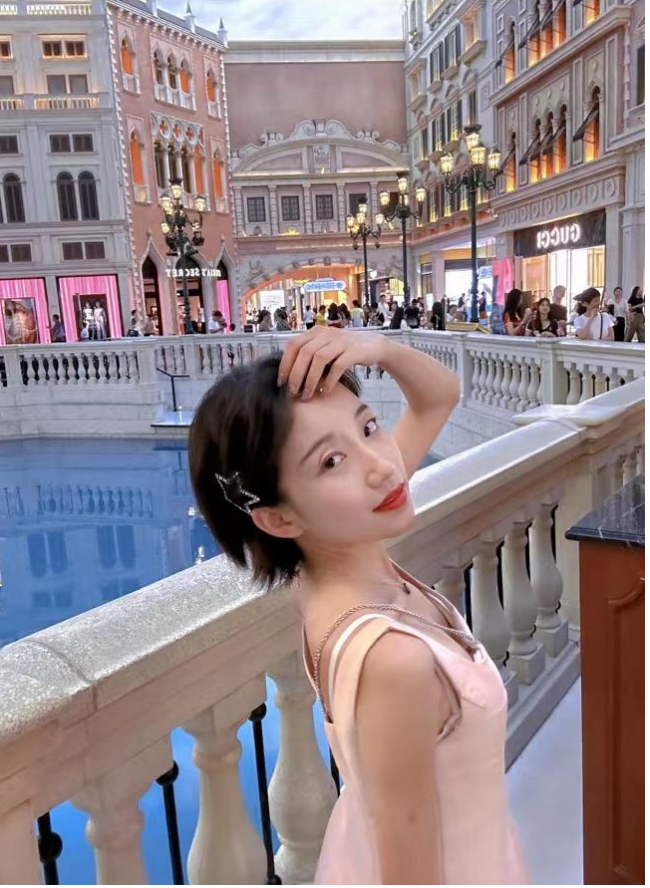
Research keyword: RFQ/Per-buncher/RF-Chopper



TECHNISCHE UNIVERSITÄT DARMSTADT

MY WORK AND MY HOBBIES





Self-introduction of Xu Jiao

Academic background

Sichuan University *2018.09-2022.06*

Institute of Modern Physics *2022.09-now*

- ✓ *Mentor: Zhao Hongwei*
- ✓ *Research Direction: Beam dynamics of the high-gradient ion linear accelerator*

Hobbies

- ✓ Travel
- ✓ Billiard
- ✓ Ancient Clothing Culture

Samuel C.C.Ting

--- winner of the 1976 Nobel Prize in Physics

During my studies in the field of nuclear physics, I have always been full of enthusiasm, curiosity and a desire to explore!

Eloise Yang

Labs

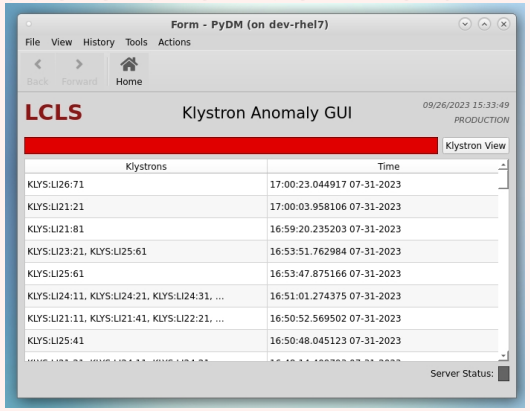
SLAC

current

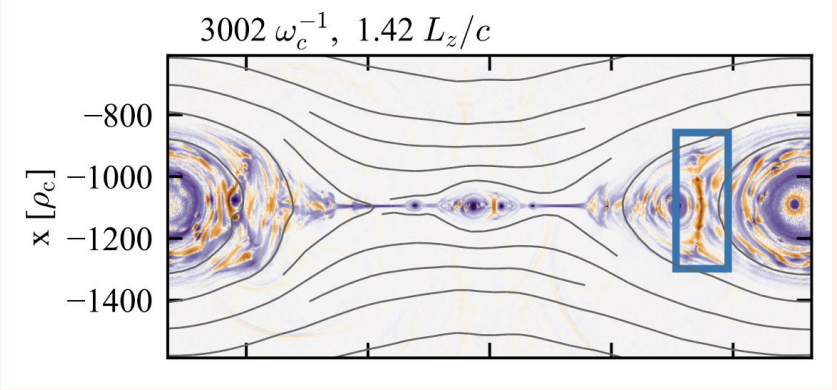
BERKELEY LAB

past

Accelerator Controls



Computational Background



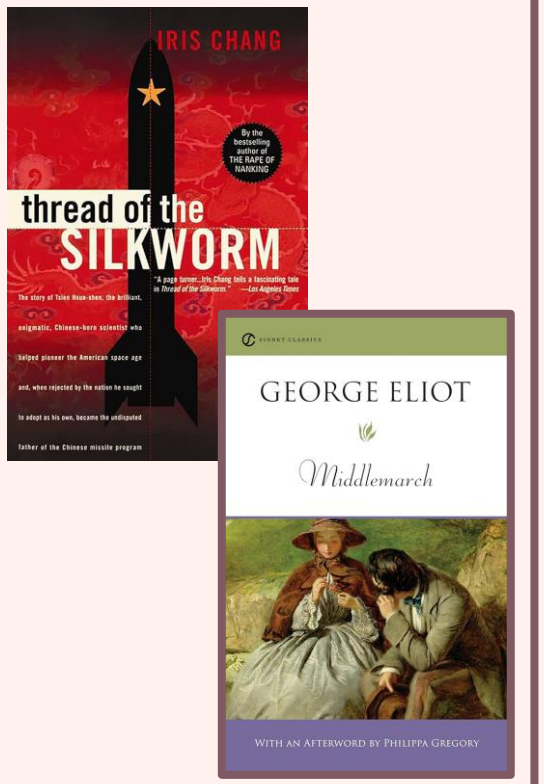
Hobbies

Moxi Skates

MAGIC The Gathering®

GUILTY GEAR — STRIVE —

What I'm Reading



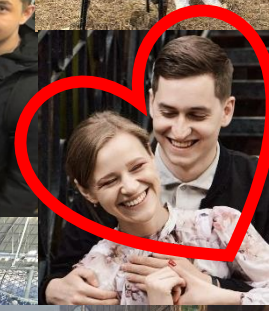
Kirill Berestov, JINR, Russia

- Engineer in the Ion Source Group at the Laboratory of Nuclear Reactions
- PhD Student in Plasma Physics at Tomsk Polytechnic University
- Master's in Technical Physics, Bachelor's in Nuclear Physics

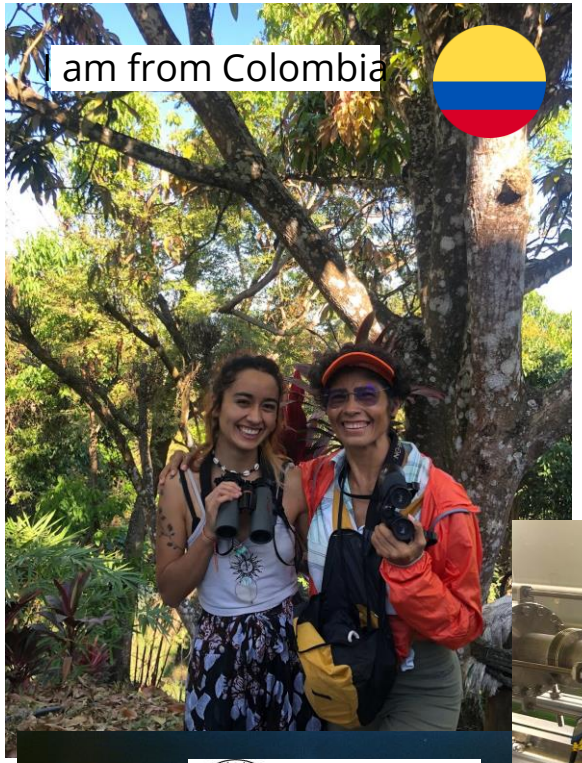
JINR 114 Flerovium FLNR Dubna

But my life is more than just work…

Activities: soccer, board games, camping, BBQ, hookah



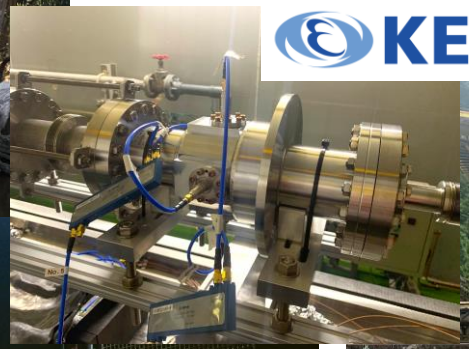
One slide one minute: Laura Karina Pedraza (CAS - Intro to accelerators)



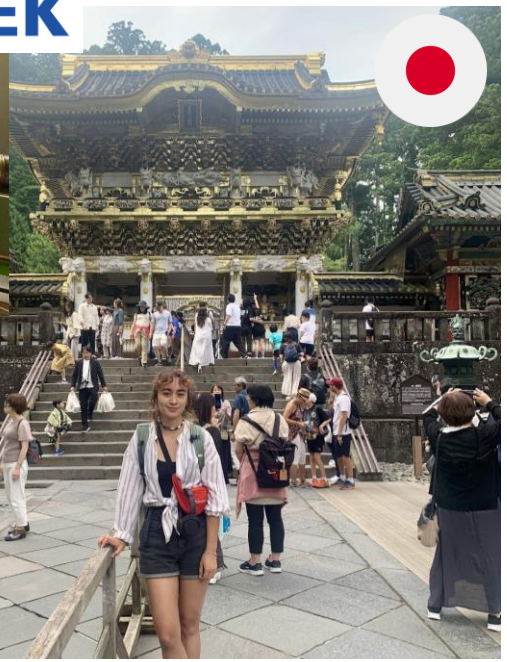
Classe Prépa in Strasbourg

Engineering School in Lille

Master's Engineering Physics in Lund



KEK



PhD on beam position monitors in Valencia, in collaboration with ATF, Tsukuba

Students

- Suaad Meerkhan Aldosakee
- Juergen Kocks
- Miguel Navarro Baeza
- Vasiliki Stergiou
- Ilaria Balossino
- Alessandro Frasca

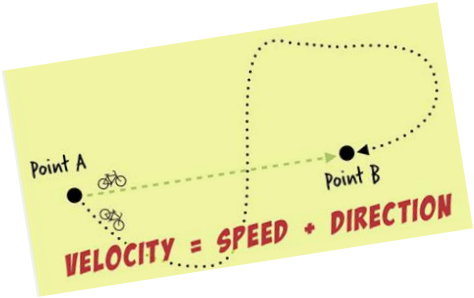
my

Story

- PhD. Medical Radiation Physics. Lund University
- Work in Academy, Duhok University
- PCR Lab. /Lab manager
- ESS, MCR Operator, courses and training in ACC physics

Married, Mother for

Suaad Meerkhan Aldosakee

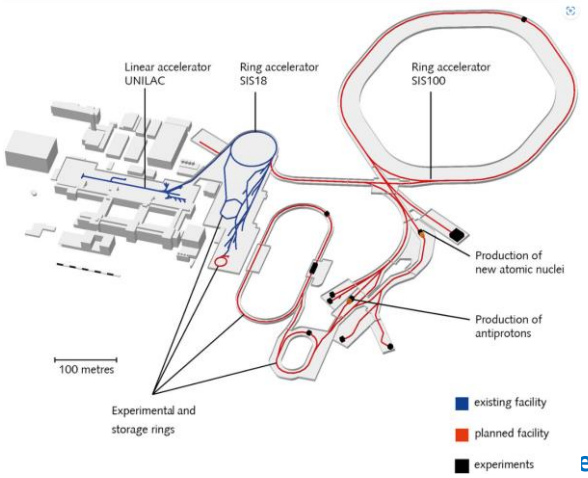


- Velocity and Mobility: From Cycling to Speed of Light
  - Began with a passion for cycling, developing an appreciation for speed,
  - Followed by planning transport solutions for road and agriculture
  - Applying this experience to the field of particle accelerators, contributing by managing critical components

- **Senior Expeditor at FAIR** (Facility for Antiproton and Ion Research)

  Project Management Office (PMO) InKind, Procurement & Supply Chain Expediting

FAIR — Facility for Antiproton and Ion Research in Europe



- Supporting the construction of the new FAIR accelerator facility in Darmstadt, Germany.
- **Ensuring the timely delivery of critical magnets and components**
- Overseeing procurement, logistics, and material planning to manage suppliers effectively
- Enhancing project efficiency and delivery through strategic planning and process improvement.
  - 35 Years in Vehicle Manufacturing, Material Planning, Order management and Corporate Strategy
  - Extensive experience in optimizing resources and production scheduling

ew Focus

- The last third of my career has begun with my role at FAIR, project management within a high-tech research environment
- The course will enhance my ability to collaborate with physicist colleagues and improve support for technical project aspects.

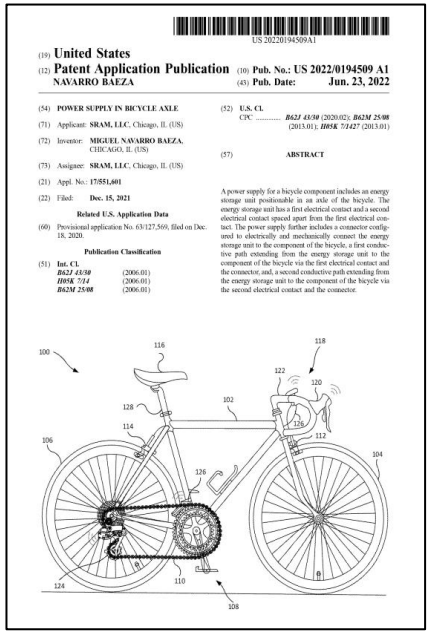
Connect with me:

Miguel Navarro Baeza

- Born and raised in **Madrid**
- Industrial & Mechanical **Engineer** graduated in IIT
- Currently working at **CERN** in the HL-LHC project office
- Moved to **Geneva** 4 years ago, still discovering the region

- Currently trying to improve my **Italian** and **Catalan**
- 240 rating at **Chess**.com, always eager to improve
- **Inventor** with 3 patents at SRAM (Bikes!)
- **Cyclist** with over 100 activities logged on Strava in 2024
- Probably eaten over 100 **tiramisus**
- I really miss **seafood**
- Just came back from an incredible vacation in **Iceland**
- It's been a while since I studied **physics**…

SRAM®



US 20220194509A1

(19) United States

(12) Patent Application Publication

NAVARRO BAEZA

(10) Pub. No.: US 2022/0194509 A1

(43) Pub. Date: Jun. 23, 2022

(54) POWER SUPPLY IN BICYCLE AXLE

(71) Applicant: SRAM, LLC, Chicago, IL (US)

(72) Inventor: MIGUEL NAVARRO BAEZA, CHICAGO, IL (US)

(73) Assignee: SRAM, LLC, Chicago, IL (US)

(21) Appl. No.: 17/551,401

(22) Filed: Dec. 15, 2021

Related U.S. Application Data

(60) Provisional application No. 63/127,569, filed on Dec. 18, 2020.

Publication Classification

(51) Int. Cl.

B62J 43/30 (2006.01)

H05K 7/14 (2006.01)

B62M 25/08 (2006.01)

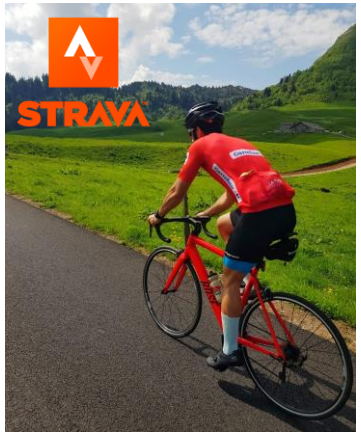
(52) U.S. Cl.

CPC B62J 43/30 (2020.02); B62M 25/08 (2013.01); H05K 7/1427 (2013.01)

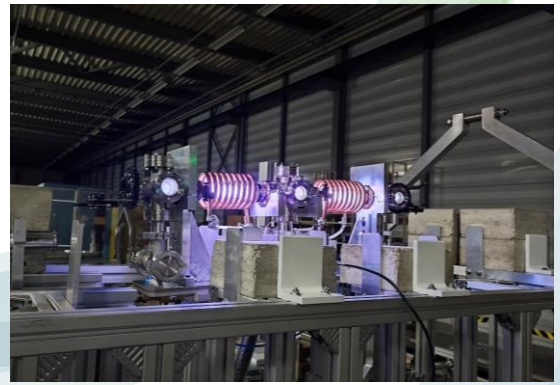
(57) ABSTRACT

A power supply for a bicycle component includes an energy storage unit positionable in an axle of the bicycle. The energy storage unit has a first electrical contact and a second electrical contact spaced apart from the first electrical contact. The power supply further includes a connector configured to electrically and mechanically connect the energy storage unit to the component of the bicycle, a first conductive path extending from the energy storage unit to the component of the bicycle via the first electrical contact and the connector, and, a second conductive path extending from the energy storage unit to the component of the bicycle via the second electrical contact and the connector.

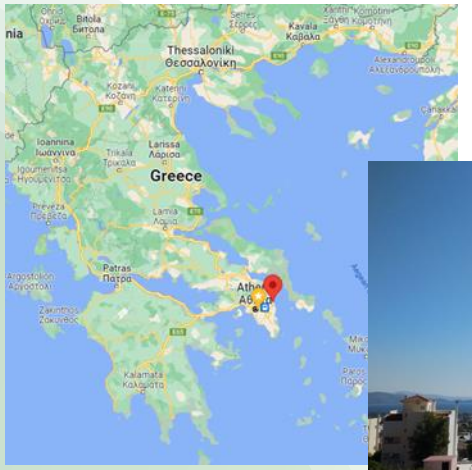
HiLumi HL-LHC PROJECT

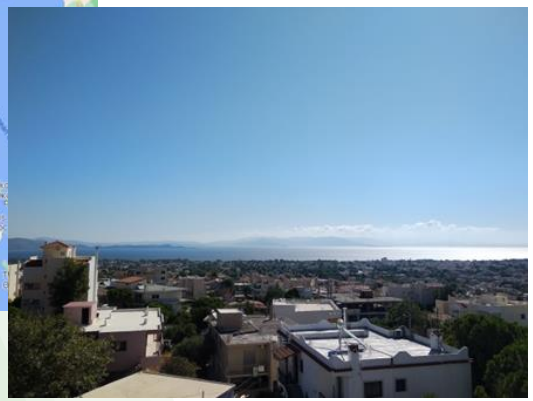


ILLINOIS INSTITUTE OF TECHNOLOGY

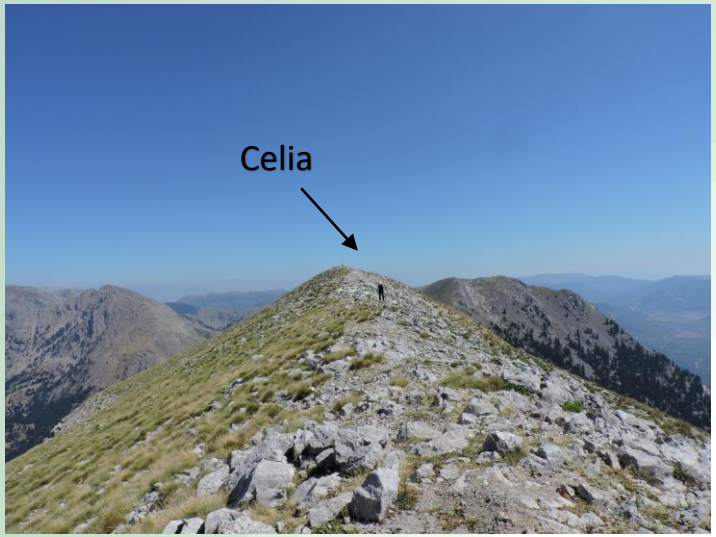


Hi, I'm Celia! 💻





- 26yo, from Nea Makri, Greece
- PhD - Experimental Astrophysics and Beam Instrumentation
- Hobbies: hiking, painting, singing, knitting



Beamline technologist @ INFN LNF

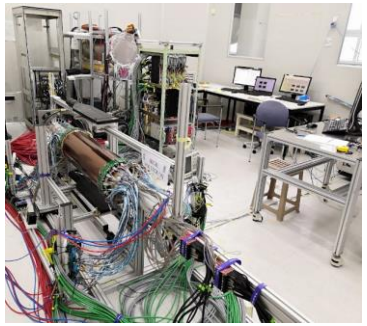
Source of Advanced Beam
SABINA
Imaging for Novel Applications

INFN LNF
Istituto Nazionale di Fisica Nucleare
Laboratori Nazionali di Frascati

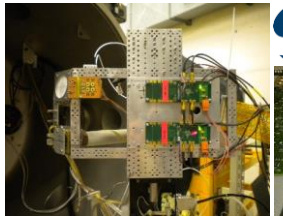
INFN
Nazionale di Fisica Nucleare

5 INTERNATIONAL PROJECTS

4 NATIONAL LABORATORIES



3 KIND OF DETECTORS and electronics

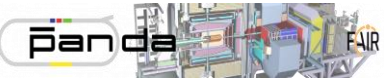


JÜLICH
Forschungszentrum

BESIII

中國科學院高能物理研究所
Institute of High Energy Physics
Chinese Academy of Sciences

2 ITALIAN UNIVERSITIES or 2 languages



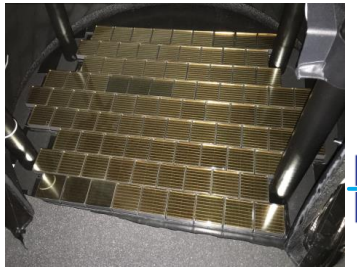
panda

FAIR

Fisica Torino

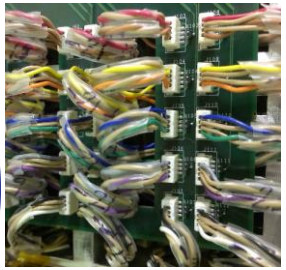
Fisica Torino

1 BEAM LINE

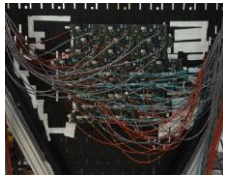


PHYSICS
UNIVERSITY OF FERRARA

RICH



Jefferson Lab



0 COWS (for now)

ILARIA

Alessandro Frasca

- from Modica, in southern Sicily, in southern Italy
- to Milan, in northern Italy, to attend Politecnico di Milano
  - bachelor degree in **materials and nanotechnology engineering**
  - master degree in **nuclear engineering**
- to CERN, in Geneva
  - technical student: **study of collisional losses in the LHC for Pb-Pb and p-Pb operation**
  - phd student: **radiation studies for the FCC-ee experimental insertion regions**
- now pursuing a PhD in Physics at the University of Liverpool
- no space to fit all my interests, come and speak to me to find them out!

Students

- Fabio Cavallaro
- Nasim Fallahi
- Daniel Söderström
- Ameya Ashwin Patwardhan
- Ilia Polishchuk
- Pietro Tarassi

ONE SLIDE PRESENTATION – FABIO CAVALLARO

Fabio Cavallaro

ASG Superconductors

Biomedical Engineer

About me

Born in Caserta (Italy) 01/06/95
I love to travel, watch movies, swimmin, reading and play videogames.
Moreover I'm not so good in make power point (as you can see)

Education

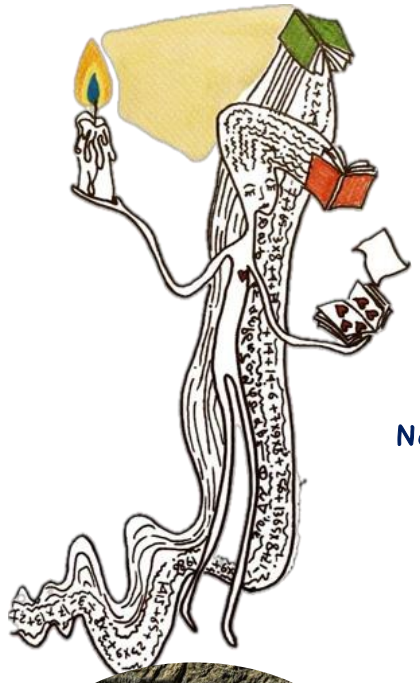
2014-2018
Bachelor Degree in Biomedical Engineering (Naples University)

2018-2021
Master's Degree in Biomedical Engineering (Bio-mechanics and Bio-materials) (Politecnico of Milano)

Experience

2021-20222
Compilation of technical documentation for the sale of class I, IIa and IIb medical devices at BIOH filtrazione (Milan)

2023-today
R&D specialist, Magnetic and cryogenic design of innovative superconducting magnet for medical, high energy and scientific research at ASG Superconductors (Genoa)



Nasim Fallahi

Postdoc scientist, WI-AUND Group
Helmholtz Zentrum Berlin
Developing pulsed-wire measurement for short period undulator in Vacuum

Achievements

- Winner of Five international public and private Scholarships- Italy.
- Winner-project collaboration- LNE, Paris, France.
- International academic and industrial collaboration.
- Winner team for start-up in collaboration with: CERN Idea Square, Innovation4Change, United Nations, and Polito.
- Academic Mentorship, Polito (Italy), LNE (France), INSA (France).
- Level III in Acoustic Emission (AE)- DEKRA Certificate.
- Peer-review, International and conference publications.

Brescia-Turin

Berlin

Tehran

MSc. Mechanical Engineering
Real-time Monitoring & Diagnostic
BSc. Mechanical Engineering
Machine tools & Instruments

PhD., Mechanical Engineering
Simulation and analysis of advanced structures
Research Fellow
Dynamics of mechanical systems and identification, Diagnostic & prognostic

Academic Path

Languages

English
Italian
German (Beginner)
Persian

Hobbies

Nature hiking
Writing
Reading books
Painting

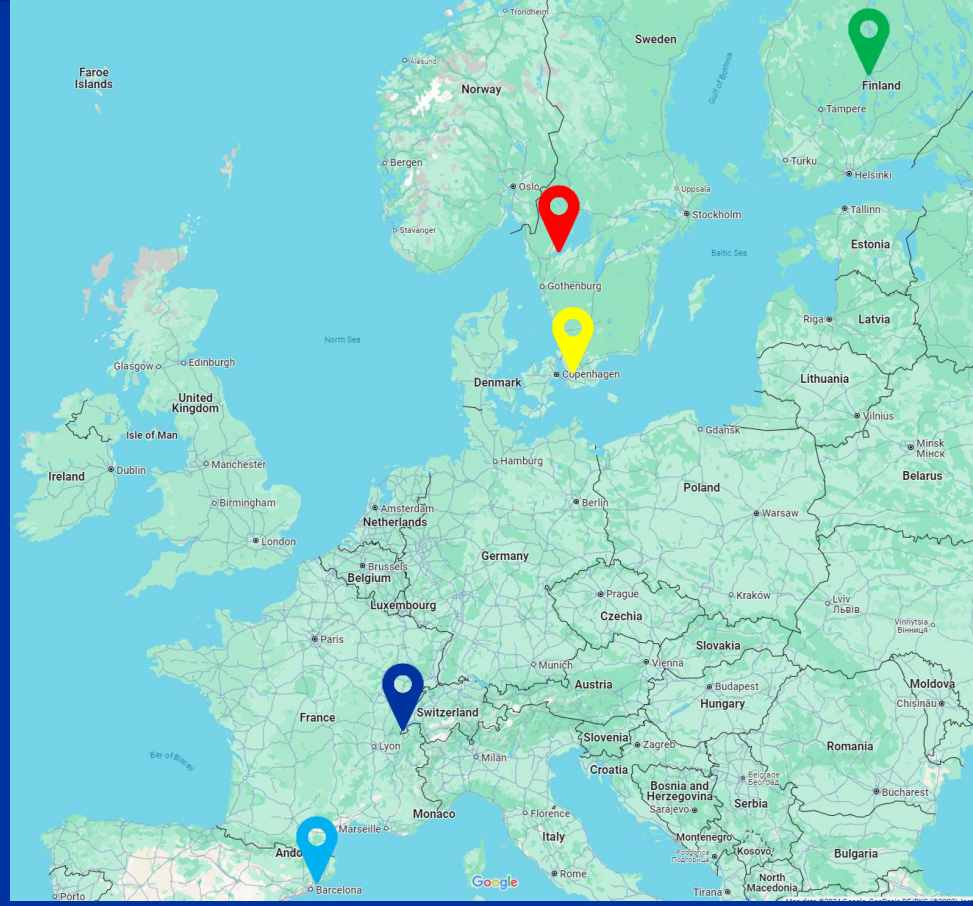
Contact info Nasim.fallahi@helmholtz-berlin.de
Albert-Einstein-Straße 15, 12489 Berlin, Germany

Google Scholar ResearchGate LinkedIn ORCID SciProfiles

HZB BESSY II Light Source

Daniel Söderström

- From Vänersborg, Sweden
- Studied in Lund, Sweden (engineering physics)
- Did a PhD in Jyväskylä, Finland (radiation effects on electronics)
- Currently working at CERN, Switzerland
- Now we are at CAS, Spain



At CERN, I do radiation dosimetry (for instance around the LHC), and work with radiation to electronics (R2E) issues

I play squash in the CERN squash league, and enjoy racquet sports in general (tennis, badminton, table tennis, …).

I also enjoy skiing and hiking, so the CERN area is a good place for this!

Nice to meet you all!

Ameya Patwardhan

- Doctoral Candidate at the Eindhoven University of Technology
- Currently working on the ultracold electron source
- Enjoy opening electronic instruments, often breaking them in the process 💻
- Contribute to open-source software occasionally

MY NAME IS ILIA

- I am a 4th year bachelor student at Tomsk State University
- I am a member of the ATLAS LHC and SPD NICA collaborations
- I often spend my free time meeting with friend, reading literature and playing board games

Laboratory
of High Energy Physics
Data Analysis
Tomsk
State
University

Pietro Tarassi
ASG Superconductors

Education

2016-2019
Bacherol Degree in Physics
(Genoa University)

2019-2021
Master's Degree in Physics
(Genoa University)

Experience

2019-2021
Academic advisor

2021-today
Cryogenic Field Engineer at
ASG Supeconductors

About me

Born in 1997 in Genoa (Italy)
I love to spend time with my friends, travel and taste local food, play football and enjoy motorsport (Ferrari supporter

Students

- Martin Hardieck
- Pablo Ignacio Araya Carmona
- Marek Skiba
- Dong Geon Kim

Einbeck

Kassel

documenta

I like SYFY

FAIR GSI

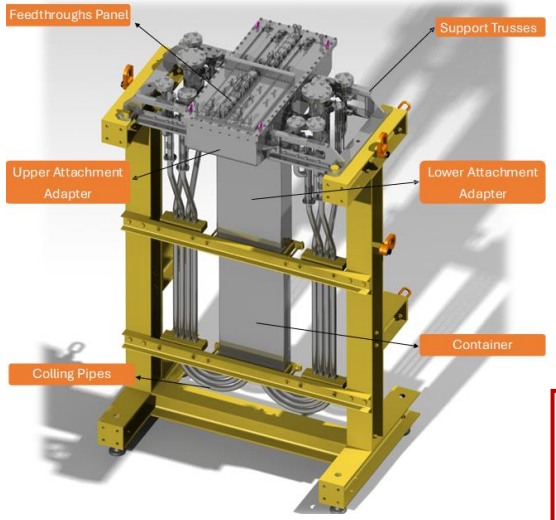
Darmstadt

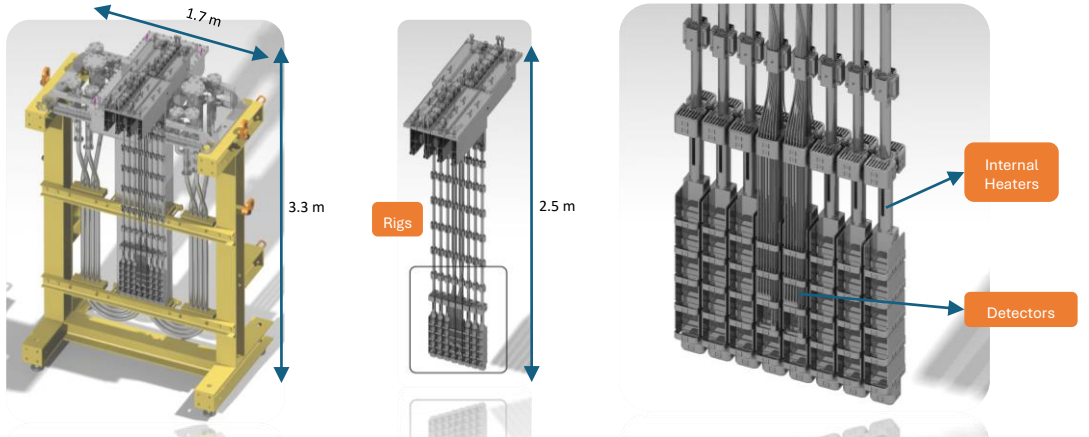
Pablo Ignacio Araya Carmona – Predoctoral Researcher – IFMIF-DONES

IFMIF-DONES ESPAÑA

UNIVERSIDAD DE GRANADA

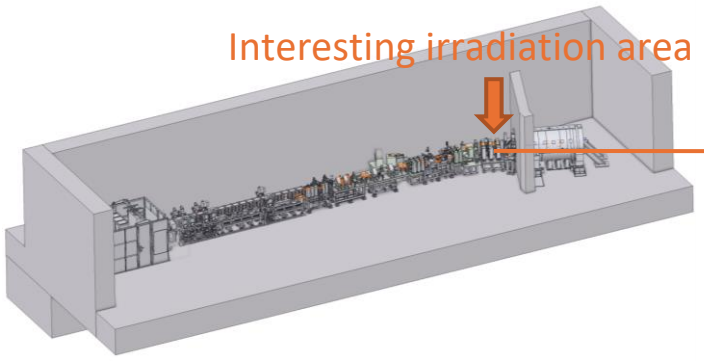
STUMM - PROTO

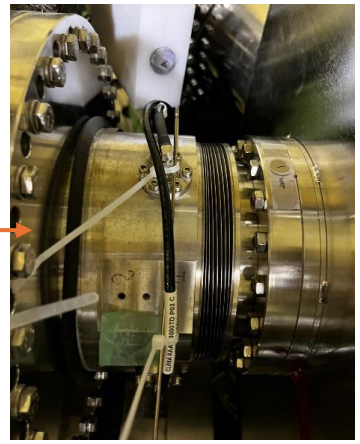




STUMMEX is the so-called experimental programme for the STUMM-PROTO, its first phase being developed with the prototype in the UGR-DONES Building in Escúzar (Granada).

Testing MIC in LIPAc enviroment

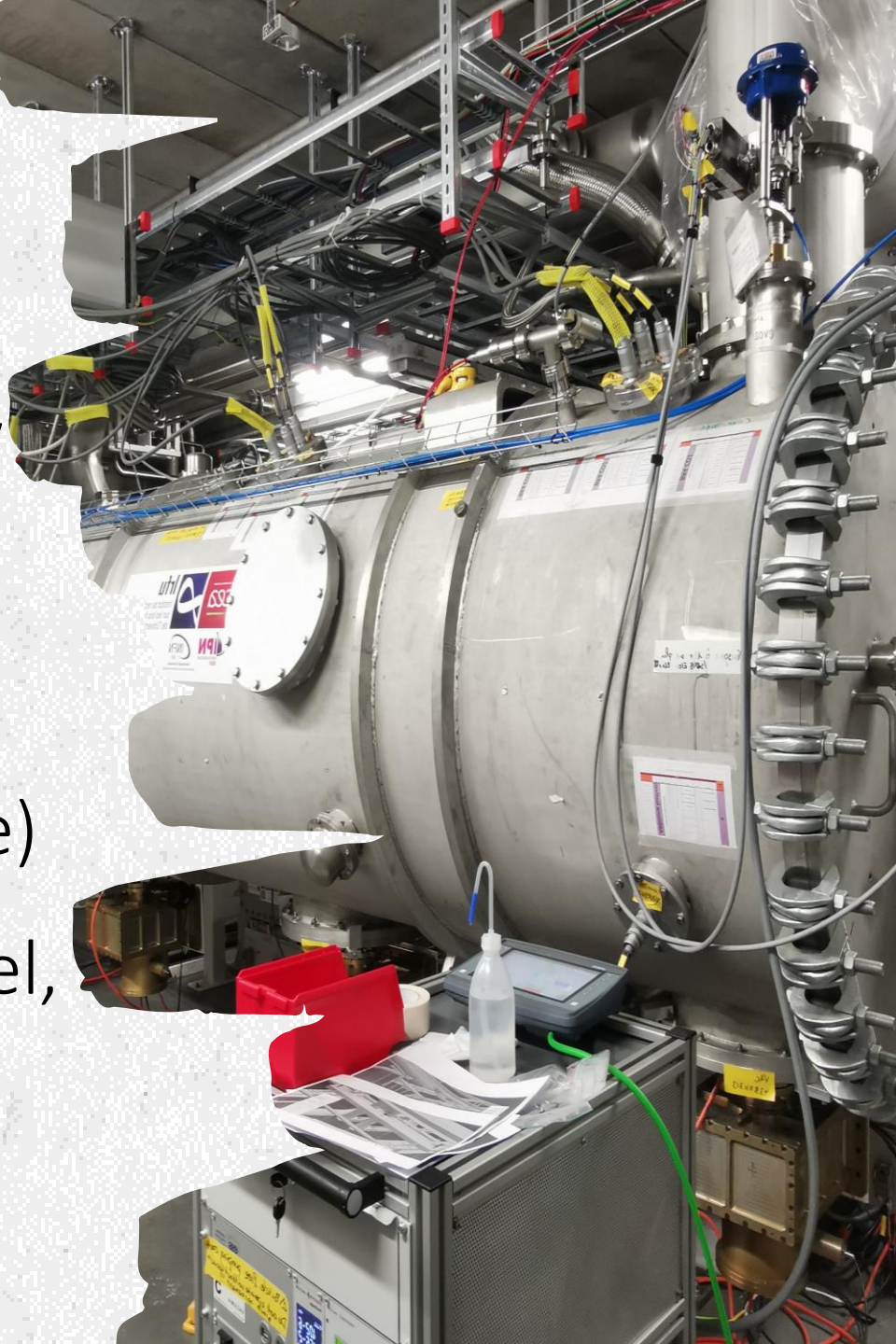




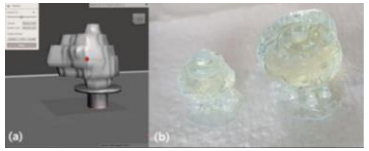
The main question to be answered is whether current-mode MICs can be sensitive to pulsed beam regimes compatible with the early stages of Phase IV DONES Commissioning, where the beam will be run in pulsed mode.

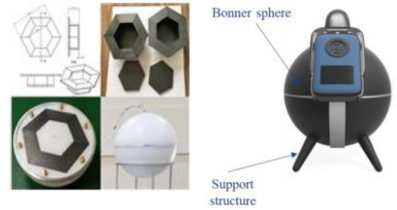
MAREK SKIBA

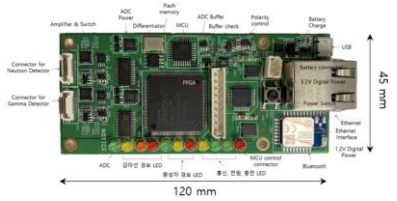
- Engineer
- Poland, Wrocław
- Sweden, Lund
- ESS (European Spallation Source)
- Mountains, Travel, Outdoor, Cycling



Name: Dong Geon Kim (D.G. Kim)







2013 – 2017	Hanyang University, Republic of Korea Department of Nuclear Engineering
2017 - 2024	Hanyang University, Republic of Korea Ph.D. Department of Nuclear Engineering Thesis: Rare Isotope Production and Identification with KoBRA at RAON
2017 - 2021	Ph.D Student, Hanyang University, Republic of Korea Radiation Detector R&D (3D Printed Plastic Scintillator, Neutron Detectors, RIID Detector, etc.)
2021 - 2024	Ph.D Student, Institute for Basic Science Rare Isotope Science Project Topic: First Beam Commissioning of KoBRA for RI Production
2024.03 – 07	Post-doc Institute for Rare Isotope Science, Institute for Basic Science Operation and Maintenance of KoBRA, Ion Beam Optics, Planning for RI Production and Related Research
2024.07 – Present	Research Fellow Institute for Rare Isotope Science, Institute for Basic Science

Welcome drink!